

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the under-

Number.	DISTRICTS.	QUANTITIES PER RUPEE BY														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULBUSH MILLET— CUMBOO, BAJRA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
Eastern Districts—(Contd.)																
21	Chittagong	9 0	9 0	9 0	...	...	...	11 0	10 0	10 0	16 0	13 0	14 0	...	...	...
22	Noakholly*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	Tipperah	10 8	10 8	11 0	...	...	...	17 8	13 0	8 8	25 0	18 0	12 8	...	...	...
24	Chittagong Hill Tracts	...	...	...	...	...	...	11 10	10 0	10 0	13 3	11 7	11 2	...	...	...
	Hill Tipperah	8 5	8 5	8 5	...	...	...	13 0	10 0	12 0	22 0	19 0	16 0	...	...	...
BEHAR.																
25	Patna	12 12	12 12	14 0	55 0	24 0	23 0	10 0	9 0	10 0	16 0	16 0	15 0	...	...	...
26	Gya	14 0	12 8	12 0	21 0	20 0	11 0	9 0	9 0	9 0	16 8	16 0	13 0	...	...	...
27	Shahabad	12 8	12 0	13 0	20 0	20 0	16 0	14 0	13 4	10 4	15 0	15 0	13 8	...	...	...
28	Durbhunga	12 0	11 0	13 0	18 0	16 0	16 8	10 0	10 0	11 0	13 0	13 0	13 8	...	...	...
29	Mozufferpore	13 0	12 0	12 0	20 0	20 0	14 0	9 0	9 0	10 0	15 0	14 0	16 0	...	...	...
30	Saran	11 8	11 8	12 0	19 0	19 0	19 0	6 12	6 12	7 0	14 8	14 8	14 0	...	...	...
31	Chumparun*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	Monghyr	12 9	12 1	13 10	15 12	15 12	14 11	10 8	10 8	9 7	15 12	12 9	11 13	...	...	...
33	Bhagulpore	11 6	10 11	12 10	16 6	13 14	17 11	12 10	12 0	10 11	15 2	15 2	12 10	...	...	...
34	Purneah	13 4	13 0	13 0	...	...	...	12 8	11 0	10 0	16 0	14 0	17 0	...	...	...
35	Maldah	11 0	11 0	13 0	...	...	...	11 0	10 0	10 0	13 0	12 0	13 8	...	...	...
36	Sontal Pergunnahs	10 0	10 0	...	10 0	...	...	14 0	15 0	10 0	18 0	17 0	13 0	...	...	...
ORISSA.																
37	Cuttack	11 13	11 13	11 13	...	...	...	11 13	10 8	9 13	15 12†	15 12	14 7	...	...	...
38	Pooree	10 8	10 8	9 3	...	...	...	10 8	10 8	7 14	17 1	15 12	11 13	...	...	...
39	Balasore	8 0	8 0	9 0	...	...	...	13 0	13 0	13 0	16 0	16 0	16 0	...	...	...
CHOTA NAGPORE.																
South-Western Frontier.																
40	Hazareebagh	11 8	11 0	10 8	...	15 8	12 0	10 8	10 8	9 0	24 0	24 0	18 0	...	...	...
41	Lohardugga	9 0	10 0	8 0	...	...	...	24 0	20 0	12 0	30 0	26 0	20 0	...	...	...
42	Singbhoom	7 8	7 8	8 0	20 0	20 0	20 0	12 0	12 0	10 0	24 0	32 0	18 0	...	...	...
43	Manbhoom	9 0	9 0	10 0	24 0	24 0	...	12 0	13 0	12 0	20 0	20 0	16 0	...	...	...

* Returns not received.

† In the interior the price of common rice varies from 15½ to 21 seers per rupee.

S In Hathazari the prices are—Best rice 16 seers, and common rice 20 seers.

T In Nowada the prices are—Wheat 14 seers, barley 25 seers, common rice 22 seers, lesser millets 35 seers, maize or Indian-corn 26 seers, and gram 14 seers.

U In the interior the prices range as follow:—Wheat 12½ to 14 seers, barley 19 to 22 seers, best rice 10 to 11 seers, common rice 16 to 21 seers, bulrush millet (in Bazar) 18 seers, great millet 17½ to 18 seers, lesser millets 14 to 26 seers, maize or Indian-corn 17 to 24 seers, and gram 13 to 15 seers.

V In the interior the prices range as follow:—Wheat 12 to 14 seers, barley 17 to 25 seers, best rice 8 to 16 seers, common rice 13 to 20 seers, murwa 20 to 25 seers, maize or Indian-corn 19 to 24 seers, and gram 13 to 16 seers.

W In the interior the prices range as follow:—Wheat 12 to 16½ seers, barley 20 to 26 seers, best rice 8½ to 19½ seers, common rice 12½ to 30 seers, lesser millets 21 to 27½ seers, maize or Indian-corn 18 to 30 seers, and gram 14 to 20 seers.

X In B-guserai the prices are—Wheat 12½ seers, barley 19 seers, best rice 10½ seers, common rice 13½ seers, great millet 17½ seers, lesser millets 18 seers, maize or Indian-corn 17 seers, and gram 13½ seers.

mentioned Districts of Bengal for the Fortnight ending 15th November 1879.—(Contd.)

THE SEER OF 80 TOLAHS.

GREAT MILLET— CHOLU, JOWAR.			LESSER MILLETS— RAGI OR MURWA AND CHRENA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
Eastern Districts—(Contd.)																		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
...	...	...	...	...	...	...	...	...	9 0	9 0	8 0	120 0	120 0	120 0	10 0	10 0	8 0	Chittagong.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Noakholly.*
...	...	...	...	...	...	...	...	...	10 8	10 8	8 0	...	...	...	8 12	8 12	8 12	Tipperah.
...	...	...	...	...	...	...	...	...	...	...	...	320 0	320 0	320 0	8 0	6 0	8 0	Chittagong Hill Tracts, Hill Tipperah.
...	...	...	...	...	...	...	...	...	8 0	8 0	8 5	...	...	...	8 0	8 0	8 0	
BEHAR.																		
...	...	...	...	...	...	22 0	21 0	30 0	15 0	14 12	13 12	160 0	140 0	140 0	8 12	8 12	8 0	Patna.
...	...	...	27 0	26 0	30 0	23 8	23 8	25 0	15 0	15 0	10 0	140 0	140 0	160 0	8 8	8 8	8 0	Gya.
...	...	...	...	14 0	23 0	19 0	...	26 0	14 8	{ 13 8 to 14 0 }	10 0	120 0	120 0	140 0	9 0	9 0	9 0	Shahabad.
...	...	...	19 0	24 0	27 8	19 0	19 0	34 8	14 0	14 0	11 8	120 0	160 0	121 0	7 12	8 0	8 0	Durbhunga.
...	...	...	...	25 0	...	20 0	20 0	32 0	15 0	14 0	12 0	120 0	120 0	140 0	8 8	8 4	8 8	Mozufferpore.
18 0	18 0	29 0	21 0	21 0	27 0	18 8	18 8	28 8	14 0	14 0	11 8	200 0	200 0	200 0	8 8	8 8	8 8	Sarun.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chumparn.*
...	...	...	...	...	...	17 13	17 13	28 5	12 9	12 9	11 8	105 0	105 0	168 0	8 6	8 6	8 6	Monghyr.
...	...	...	...	...	...	17 11	17 11	26 8	12 10	12 10	12 10	126 4	126 4	131 10	8 13	8 13	8 13	Bhagulpore.
...	...	...	...	...	...	...	...	...	12 4	12 0	{ 10 0 to 11 0 }	120 0	160 0	160 0	8 0	8 0	8 0	Purneah.
...	...	...	...	...	...	...	...	...	11 0	11 0	9 0	140 0	140 0	120 0	9 0	9 0	8 8	Maldah.
...	...	...	...	...	...	20 0	32 4	35 0	10 0	10 0	9 8	200 0	200 0	200 0	8 0	8 0	8 0	Sonthal Pergas.
ORISSA.																		
...	...	...	...	15 12	13 2	...	...	...	14 7	14 7	14 7	160 0	160 0	200 0	11 0	12 0	12 0	Cuttack.
...	...	...	...	...	...	...	...	...	13 2	13 2	12 7	160 0	100 0	100 0	11 13	11 13	10 8	Pooree.
...	...	...	...	...	...	...	...	...	8 0	8 0	7 0	160 0	160 0	120 0	9 0	9 0	7 0	Balasore.
CHOTA NAGPORE.																		
South-Western Frontier Agency.																		
...	...	...	36 0	36 0	27 0	32 0	33 0	24 12	13 8	13 0	8 12	200 0	240 0	240 0	8 0	8 0	8 0	Hazareebagh.
...	...	...	50 0	50 0	32 0	40 0	40 0	24 0	10 0	11 0	10 0	160 0	160 0	160 0	7 0	7 0	7 0	Lohardugga.
...	...	...	...	...	...	...	...	...	12 0	12 0	11 0	160 0	160 0	240 0	7 0	7 0	6 0	Singbhoom.
32 0	32 0	...	64 0	64 0	64 0	34 0	32 0	32 0	10 0	10 0	9 8	150 0	150 0	130 0	8 0	8 0	7 8	Manbhoom.

Y In Banka the prices are—Wheat 12 seers, barley 20 seers, best rice 15 seers, common rice 17 seers, maize or Indian-corn 20 seers, and gram 11½ seers.

Z In the interior the prices range as follow :—Wheat 10 to 13½ seers, best rice 12½ to 15 seers, common rice 15 to 20 seers, and gram 8 to 12½ seers.

Z1 In the interior the prices range as follow :—Wheat 11 to 13½ seers, best rice 15 to 20 seers, common rice 17½ to 21 seers, maize or Indian-corn 20½ to 25 seers, and gram 11 to 12½ seers.

Z2 In the interior the prices range as follow :—Wheat 12 to 15 seers, barley 18 to 22 seers, best rice (at Chutra) 14 seers, common rice 21 to 23 seers, lesser millets 30 to 40 seers, maize or Indian-corn (at Khurruodeha) 27 seers, and gram 12 seers.

Z3 In Daltongunge the prices are—Wheat 12½ seers, barley 21½ seers, best rice 20½ seers, common rice 22½ seers, mohwa 23½ seers, murwa 42 seers, maize or Indian-corn 40 seers, and gram 14½ seers.

Z4 In the interior the prices range as follow :—Wheat 9½ to 10 seers, barley (at Govindpore) 20 seers, best rice 18 to 20 seers, common rice 23 to 25 seers, bulrush millet (at Govindpore) 40 seers, great millet (at Govindpore) 40 seers, lesser millets 45 to 60 seers, maize or Indian-corn (at Raghunathpore) 40 seers, and gram 9 to 10 seers.

Published for general information.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Firewood, and Salt in

Number.	MARTS.	PRICES PER MAUND														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, BAJRA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 14 0	3 14 0	3 7 9	2 8 0	2 8 0	2 12 6	7 0 0	7 0 0	6 8 6	4 0 0	4 0 0	4 0 0	...	...	...
2	Serajunge ...	3 6 0	3 6 0	4 0 0	...	...	...	4 4 0	4 8 0	5 8 0	3 2 0	3 6 0	4 4 0	...	...	...
3	Dacca ...	3 10 0	3 4 0	3 7 0	3 0 0	3 8 0	...	2 14 0	3 8 0	4 12 0	1 14 0	3 0 0	4 4 0	...	...	...
4	Naraingunge ...	...	...	...	...	...	...	2 8 0	2 10 0	4 10 0	1 12 0	2 4 0	4 6 0	...	...	...
5	Chittagong ...	...	...	...	...	...	...	3 12 0	3 14 0	4 0 0	2 12 0	3 0 0	2 12 0	...	...	...
6	Patna ...	3 3 0	3 3 0	2 13 9	1 10 3	1 10 6	1 11 6	4 0 0	4 7 0	4 0 0	2 8 0	2 8 0	2 10 9	...	...	...
7	Balasore ...	5 0 0	5 0 0	4 6 0	...	...	...	3 2 0	3 2 0	3 0 0	2 8 0	2 8 0	2 6 0	...	...	...
8	Pooree ...	...	...	...	...	...	...	...	...	...	2 10 0	2 10 0	3 1 0	...	...	...
9	Cuttack ...	3 4 0	3 4 0	3 4 0	...	...	...	3 4 0	3 8 0	3 14 0	2 5 0	2 5 0	2 10 0	...	...	...

CALCUTTA,

The 25th November 1879.

the undermentioned Marts of Bengal for the Fortnight ending 15th November 1879.

OF 40 SEERS.

GREAT MILLET— CHOLU, JOWAR.			LESSER MILLET— RAGI OR MURWA AND CHEENA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
3 0 0	2 8 0	...	...	...	...	2 8 0	2 8 0	2 0 0	3 8 0	3 8 0	3 10 0	0 6 3	0 6 3	2 9 0	4 0 0	4 0 0	4 8 0	Calcutta.
...	...	...	...	...	...	...	...	...	3 11 0	3 11 0	4 4 0	...	...	...	4 4 0	4 4 0	4 6 0	Serajgunge.
...	...	...	...	...	...	...	...	...	3 6 0	3 0 0	4 6 0	0 6 0	0 6 0	5 0 0	4 2 0	4 6 0	4 2 0	Dacca.
...	...	...	...	...	...	...	...	...	3 10 0	3 8 0	3 15 0	0 5 3	0 6 0	13 0	4 7 0	4 4 0	4 3 6	Naraingunge.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong.
...	...	...	...	...	...	1 13 0	1 14 6	1 4 9	2 10 6	2 11 6	2 13 6	0 4 0	0 4 9	4 9 0	4 10 0	4 10 0	5 0 0	Patna.
...	...	...	...	...	...	...	...	...	5 0 0	5 0 0	5 0 0	0 4 0	0 4 0	5 4 0	4 6 0	4 6 0	5 0 0	Balasore.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pooree.
...	...	...	...	2 5 0	3 0 0	...	...	...	2 10 0	2 10 0	2 10 0	0 4 0	0 4 0	0 3 0	3 8 0	3 3 0	3 4 0	Cuttack.

Published for general information.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 2nd to 8th Nov. 1879.	Rain from 9th to 15th Nov. 1879.	RAIN FROM 1ST JANUARY 1879.		REMARKS.	
					Inches.	Up to date.		
BENGAL.								
BURDWAN.	WESTERN DISTRICTS.		Inches.	Inches.	1879.			
	Burdwan ...	Burdwan ...	Nil.	Nil.	40.91	15th Nov.		
		Cutwa ...	ditto	ditto	44.96	ditto		
		Culina ...	ditto	ditto	51.58	ditto		
		Kaneegunge ...	ditto	ditto	39.27	ditto		
	Bankoora ...	Bankoora ...	ditto	ditto	47.89	ditto	From 30th August.	
		Bishenpore ...	ditto	ditto	13.91	ditto		
	Beerbhoom ...	Sooree ...	ditto	ditto	43.90	ditto	Not received 28th Sept. to 11th Oct.	
		Hetampore ...	ditto	ditto	51.53	ditto		
		Roypur ...	ditto	ditto	35.29	ditto		
		Rampore Haut ...	ditto	ditto	54.75	ditto		
	Midnapore ...	Midnapore ...	ditto	ditto	38.75	ditto		
		Tumlook ...	ditto	Not recd.	37.85	8th Nov.		
		Ghattal ...	ditto	Nil.	34.51	15th Nov.		
		Contai... { Dy. Collr.'s Office... Exe. Engr.'s Office	ditto	ditto	47.57	ditto		
	Hooghly ...	Hooghly ...	ditto	ditto	41.24	ditto		
		Serampore ...	ditto	ditto	44.70	ditto		
		Jehanabad ...	ditto	ditto	50.46	ditto		
	Howrah ...	Howrah ...	ditto	ditto	42.65	ditto		
		Maheshiraka ...	ditto	ditto	33.42	ditto		
PRESIDENCY.	CENTRAL DISTRICTS.							
	24-Pergunnahs ...	Saugor Island ...	ditto	ditto	48.72	ditto		
		Alipore ... { Observatory Dispensary Jail	ditto	ditto	46.12	ditto		
			ditto	ditto	44.33	ditto		
			ditto	ditto	44.25	ditto		
		Busseerhat ...	ditto	ditto	45.94	ditto		
		Baraset ...	ditto	ditto	43.78	ditto		
		Diamond Harbour ...	ditto	ditto	43.93	ditto		
		Barriore ...	ditto	ditto	46.45	ditto		
		Satkhira ...	ditto	ditto	44.37	ditto		
		Barrackpore ...	ditto	ditto	42.39	ditto		
	Dum-Dum ...	ditto	ditto	48.24	ditto			
	Nuddea ...	Kishnaghar ...	ditto	ditto	54.45	ditto		
		Bongong ...	ditto	ditto	46.09	ditto		
		Meherpore ...	ditto	ditto	59.86	ditto		
		Chooadanga ...	ditto	ditto	77.63	ditto		
		Kooshtea ...	ditto	ditto	66.07	ditto		
		Ranaghat ...	ditto	ditto	53.39	ditto		
		Jessore ...	ditto	ditto	56.27	ditto		
		Narail ...	ditto	ditto	42.30	ditto		
Khoolna ...		ditto	Not recd.	56.19	8th Nov.			
Jhemidah ...		ditto	Nil.	63.18	15th Nov.			
Moorshedabad ...	Bagirhat ...	ditto	ditto	43.84	ditto			
	Magoorah ...	ditto	ditto	56.19	ditto			
	Berhampore ...	ditto	ditto	62.20	ditto			
	Lalibagh ...	ditto	ditto	59.79	ditto			
	Jungypore ...	ditto	ditto	60.81	ditto			
	Azimungunge ...	ditto	ditto	54.01	ditto			
	Lalgolla ...	ditto	ditto	63.46	ditto			
	Kandee ...	ditto	ditto	61.87	ditto			
	Dinagopore ...	ditto	ditto	86.89	8th Nov.			
	Raigunge ...	ditto	ditto	62.84	ditto			
RAJSHAHY.	Dinagopore ...	Mohadebpore ...	ditto	ditto	91.76	ditto	From 9th March, and not received 5th to 11th Oct.	
		Chooramon ...	ditto	ditto	79.96	ditto		
		Maldah ...	ditto	ditto	71.58	15th Nov.		
	Rajshahye ...	Chanchal ...	ditto	ditto	75.44	ditto		
		Bauleah ...	ditto	ditto	86.70	ditto		
		Nattore ...	ditto	ditto	66.48	ditto		
	Rungpore ...	Rungpore ...	ditto	ditto	108.98	ditto		
		Bhabanigunge ...	ditto	ditto	79.54	ditto		
		Kurigram ...	ditto	ditto	87.03	ditto		
	Bogra ...	Bagdogra ...	ditto	ditto	126.74	ditto		
		Bogra ...	ditto	ditto	71.79	ditto		
		Sherpur ...	ditto	ditto	80.63	ditto		
	COCHIN BEHAR.	Bogra ...	Nowkhilla ...	ditto	ditto	64.15	ditto	Not received 26th Oct. to 1st Nov.
			Panchbibi ...	ditto	ditto	78.45	ditto	
Pubna ...			ditto	ditto	54.52	ditto		
Pubna ...		Serajungunge ...	ditto	ditto	70.27	ditto		
		Darjeeling ... { Telegraph Office Hospital	ditto	ditto	152.67	ditto		
			ditto	ditto	160.69	ditto		
Julpigoree ...		Julpigoree ...	ditto	ditto	135.44	ditto	Not received 26th Oct. to 8th Nov. From 15th June, and not received 28th Sept. to 4th Oct.	
		Bodah ...	Not recd.	ditto	129.51	ditto		
		Dangua Jhar ...	ditto	Not recd.	103.35	18th Oct.		
		Buxa ...	Nil.	Nil.	221.68	15th Nov.		
Julpigoree ...		Guabor ...	Not recd.	Not recd.	83.16	25th Oct.	Ditto ditto.	
		Titallya ...	Nil.	Nil.	132.83	15th Nov.		
		Bamundanga ...	Not recd.	Not recd.	127.73	25th Oct.		
		Phoolbary ...	ditto	ditto	142.80	ditto		

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 2nd to 8th Nov. 1879.	Rain from 9th to 15th Nov. 1879.	RAIN FROM 1ST JANUARY 1879.		REMARKS.
					Inches.	Up to date.	
BENGAL.—continued.							
Dacca.	CENTRAL DISTRICTS.—contd.		Inches.	Inches.		1879.	
	Cooch Behar Tributary States	Cooch Behar ...	Nil.	Nil.	142.80	15th Nov.	
		Dinhatta ...	ditto	ditto	125.82	ditto	
		Mathabhangha ...	ditto	ditto	146.35	ditto	
		Mickligunge ...	ditto	ditto	133.31	ditto	
	Eastern Districts.						
		Dacca	Dacca... { Telegraph Office... ditto ditto 60.66 ditto	Not recd. 5th to 11th Oct. Ditto ditto. Ditto ditto.			
			Hospital ... ditto ditto 73.00 ditto ...				
			Moonsheegunge ... ditto ditto 88.41 ditto ...				
	Manickgunge ... ditto ditto 59.48 ditto ...						
Furreedpore	Furreedpore ... ditto ditto 64.73 ditto	Ditto 19th to 25th Oct. Ditto ditto.					
	Goalundo ... ditto ditto 63.29 ditto ...						
	Madaripore ... ditto ditto 41.91 ditto ...						
Backergunge	Burrisal ... ditto ditto 55.28 ditto						
	Perozepore ... ditto ditto 65.95 ditto						
	Patoankhally ... ditto ditto 83.89 ditto						
	Bhola ... ditto ditto 85.02 ditto						
Mymensingh	Mymensingh ... ditto ditto 80.53 ditto						
	Jamulpore ... ditto ditto 94.07 ditto						
	Atia ... ditto ditto 51.38 ditto						
	Kishoregunge ... ditto ditto 84.88 ditto						
Chittagong	Chittagong { Telegraph Office ditto ditto 102.41 ditto						
	Jail ... ditto ditto 94.30 ditto						
	Cox's Bazar ... ditto ditto 154.70 ditto						
Noakholly	Noakholly ... ditto ditto 115.20 ditto						
	Fenny ... ditto ditto 125.39 ditto						
Tipperah	Commillah ... ditto ditto 79.45 ditto						
	Chandpore ... ditto ditto 76.50 ditto						
	Brahmunbariah ... ditto ditto 70.91 ditto						
Chittagong Tracts.	Hill { Rungamatee Hill... ditto ditto 96.73 ditto	8th Nov.					
	Ruma ... ditto Not recd. 108.34						
Hill Tipperah	Agartola ... ditto Nil. 75.04 15th Nov.						
BEHAR.							
PATNA.	Patna	Patna ... ditto ditto 44.73 ditto					
		Behar ... ditto ditto 42.84 ditto					
		Barh ... ditto ditto 53.16 ditto					
		Dinapore ... ditto ditto 42.34 ditto					
	Gya	Gya ... ditto ditto 44.51 ditto					
		Nowadah ... ditto ditto 29.57 ditto					
		Aurangabad ... ditto ditto 58.91 ditto					
		Jehanabad ... ditto ditto 47.23 ditto					
	Shahabad	Arrah ... ditto ditto 46.87 ditto					
		Sasseram ... ditto ditto 62.60 ditto					
Buxar ... ditto ditto 51.73 ditto							
Blubooah ... ditto ditto 57.27 ditto							
Mozufferpore	Mozufferpore ... ditto 0.09 60.39 ditto						
	Hajeeapore ... ditto Nil. 43.47 ditto						
	Seetampurhee ... ditto ditto 68.05 ditto						
Durbhunga	Durbhunga ... ditto ditto 62.97 ditto	Ditto 12th to 18th Oct.					
	Mudhoobannee ... ditto ditto 63.85 ditto						
	Tajpore ... ditto ditto 63.66 ditto ...						
Saran	Chupra ... ditto ditto 49.60 ditto	Not recorded 20th April to 24th May.					
	Sewan ... ditto ditto 51.52 ditto						
	Gopalgunge ... ditto ditto 55.77 ditto ...						
Chumparun	Motiharee ... ditto ditto 55.70 ditto						
	Bettiah ... ditto ditto 64.58 ditto						
	Segowlee ... ditto ditto 60.33 ditto						
Monghyr	Monghyr ... ditto ditto 61.82 ditto						
	Begoesera ... ditto ditto 37.47 ditto						
	Jamocce ... ditto ditto 38.09 ditto						
Bhagulpore	Bhagulpore ... ditto ditto 51.05 ditto						
	Scoopool ... ditto ditto 77.24 ditto						
	Muddehpooora ... ditto ditto 67.37 ditto						
	Banka ... ditto ditto 49.04 ditto						
	Soubursa ... ditto ditto 68.20 ditto						
Purneah	Purneah ... Not recd. ditto 131.39 ditto ...	Not received 2nd to 8th November. Ditto ditto. Ditto ditto.					
	Kissengunge ... ditto ditto 72.44 ditto ...						
	Arrareah ... ditto ditto 82.33 ditto ...						
Sonthal Pergunnahs	Nya Doomka ... Nil. ditto 61.39 ditto	Ditto 5th to 11th Oct. Ditto 28th Sept. to 4th Oct. and 12th to 25th Oct.					
	Rajmehal ... ditto ditto 68.43 ditto ...						
	Deoghur ... ditto ditto 44.11 ditto						
	Jamtara ... ditto ditto 36.04 ditto ...						
	Pakour ... ditto ditto 70.22 ditto						
	Godda ... ditto ditto 53.29 ditto						

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 2nd to 8th Nov. 1879.	Rain from 9th to 15th Nov. 1879.	RAIN FROM 1st JANUARY 1879.		REMARKS.	
					Inches.	Up to date.		
ORISSA.	Cuttack	Cuttack	...	0.25	Not recd.	59.08	8th Nov.	Not recd. 26th Oct. to 1st Nov.
		Jajpore	...	Nil.	ditto	46.94	ditto	
		Kendraparah	...	ditto	ditto	42.75	ditto	
		Jagatsingapore	...	ditto	ditto	24.72	ditto	
		False Point	...	0.01	ditto	68.78	ditto ...	
	Pooree	Pooree	...	0.35	Nil.	51.33	ditto	From 9th March, not received 6th to 12th September, and 20th September to 3rd October.
		Khurda	...	1.17	ditto	62.29	ditto	
		Banpore	...	Not recd.	Not recd.	29.18	31st Oct.	
	Balasore	Balasore	...	Nil.	Nil.	48.81	15th Nov.	
		Bhadrack	...	ditto	ditto	47.91	ditto	
		Jellasore	...	ditto	ditto	43.71	ditto	
		Sorah	...	ditto	ditto	39.45	ditto	
		Chandbally	...	ditto	ditto	65.30	ditto	
		Bareepudda	...	ditto	ditto	39.61	ditto	
	Cuttack Tributary Mehals.	Sumbalpure	...	ditto	ditto	78.54	ditto	
	CHOTA NAGPORE.							
	SOUTH-WESTERN FRONTIER AGENCY.							
	Hazareebagh	Hazareebagh...	{ Jail ...	ditto	ditto	44.35	ditto	
			{ Dispensary ...	ditto	ditto	44.69	ditto	
		Pachamba	...	ditto	ditto	52.70	ditto	
		Sitagurh	...	ditto	ditto	46.83	ditto	
	Lohardugga	Mowdie Hills	...	ditto	ditto	52.71	ditto	
		Ranchee	...	ditto	Not recd.	48.76	8th Nov.	
Singbhoom	Palatnow	...	ditto	ditto	44.03	ditto		
	Chyebassa	...	ditto	Nil.	47.56	15th Nov.		
Manbhoom	Purulia	...	ditto	ditto	34.55	ditto		
	Govindpore	...	ditto	ditto	58.58	ditto		
ASSAM & ADJACENT HILLS.								
Sylhet	Sylhet	...	ditto	ditto	158.87	ditto		
Sibsagar	Sibsagar	...	ditto	Not recd.	105.76	8th Nov.		
	Golaghat	...	ditto	ditto	75.22	ditto		
	Jorhat	...	ditto	ditto	70.42	ditto		
Burmah	Akyab	...	ditto	Nil.	220.52	15th Nov.		
Rajpootana	Alwar	...	ditto	ditto	29.01	ditto		
	Jaipur	...	ditto	ditto	31.51	ditto		
	Sambhar	...	ditto	ditto	22.94	ditto		

METEOROLOGICAL OFFICE, BENGAL,
The 22nd November 1879.

JOHN ELIOT,
Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 16th to 22nd November 1879.

STATIONS.	Date.	Hour.	Baro- meter reduced to 32°.	Baro- meter reduced to sea- level.	HYGRO- METER.		Humidity Sat. = 100.	WIND.		Rain.	Weather remarks.	
					Dry.	Wet.		Directions.	• Velo- city.		At hour of observation.	For preceding 24 hours.
ALIPORE.	Nov. 16th	10	29.986	30.008	78.8	69.1	59	E N E	4.0	...	C	c
	16	16	29.986	30.008	82.5	70.0	51	N E	7.5	...	CK	c
	17th	10	30.042	30.064	77.0	67.4	59	N E by N	8.8	...	...	b
	16	16	29.980	30.052	80.6	68.0	50	N	8.0	...	...	b
	18th	10	30.031	30.053	75.4	69.0	71	N by E	3.8	...	...	b
	16	16	29.908	29.930	82.0	70.9	54	N W by W	3.0	...	...	b
	19th	10	29.987	30.009	77.7	69.9	66	N by E	5.8	...	C, CK	c
	16	16	29.872	29.894	82.7	70.9	64	N W by N	4.2	...	CS	c
	20th	10	29.980	30.002	77.8	69.9	65	N E by N	4.0	...	...	b
	16	16	29.868	29.890	81.1	69.9	55	N by E	6.7	...	C	c
SAGOR ISLAND.	21st	10	30.011	30.036	74.7	66.3	61	N	2.3	...	C, CK	c
	16	16	29.881	29.903	80.4	66.9	46	N N W	10.3	...	...	b
	22nd	10	29.989	30.021	75.8	61.4	40	N N E	4.0	...	...	b
	16	16	29.876	29.898	80.1	64.0	37	N N W	80.5	...	...	b
	Nov. 16th	10	29.989	29.995	78.4	71.4	70	N E	4	...	...	Fine weather, with passing clouds.
	16	16	29.894	29.900	81.4	72.9	65	S S E	8	...	...	Ditto ditto.
	17th	10	30.037	30.043	78.4	69.9	63	N E	4	...	...	Ditto ditto.
	16	16	29.935	29.941	79.9	68.9	55	N	12	...	...	Ditto ditto.
	18th	10	30.031	30.037	75.9	70.4	75	N N W	8	...	...	Fine clear weather.
	16	16	29.919	29.925	80.4	70.4	58	N	8	...	...	Ditto.
CHITTAGONG.	19th	10	29.985	29.991	79.4	71.9	68	N W	5	...	...	Fine weather, with passing clouds.
	16	16	29.880	29.886	81.9	73.9	67	N	8	...	...	Ditto ditto.
	20th	10	29.971	29.977	78.9	71.4	68	N	5	...	...	Ditto ditto.
	16	16	29.881	29.887	81.4	71.4	60	N	8	...	...	Ditto ditto.
	21st	10	30.015	30.021	76.9	67.4	59	N E	7	...	...	Ditto ditto.
	16	16	29.894	29.900	78.9	68.9	58	N	12	...	...	Fine clear weather.
	22nd	10	30.003	30.012	76.9	66.9	57	N N W	7	...	...	Ditto.
	16	16	29.892	29.898	78.9	65.4	45	N N E	16	...	...	Ditto.
	Nov. 16th	10	29.911	30.002	80.4	74.2	73	Calm	2	...	...	Fine weather, with passing clouds.
	17th	10	29.917	30.008	80.9	74.2	72	N E	1	...	...	Ditto ditto.
ARYAB.	18th	10	29.907	29.997	83.9	77.2	73	Calm	1	...	...	Ditto ditto.
	19th	10	29.883	29.974	82.9	77.2	76	Calm	1	...	...	Ditto ditto.
	20th	10	29.915	30.006	81.9	75.2	72	Calm	2	...	...	Ditto ditto.
	21st	10	29.889	29.980	80.4	74.2	71	N E	2	...	...	Ditto ditto.
	22nd	10	29.911	30.001	78.4	71.7	72	N E	2	...	Thunder	Ditto ditto.
	Nov. 16th	10	29.925	29.947	81.5	74.7	71	E N E	...	...	...	Fine clear weather.
	17th	10	29.948	29.970	82.5	72.2	66	N E	2	...	...	Fine weather, with passing clouds.
	18th	10	29.955	29.977	79.4	73.7	76	N E	1	...	...	Ditto ditto.
	19th	10	29.913	29.935	82.5	76.7	76	N	...	...	...	Ditto ditto.
	20th	10	29.889	29.921	79.9	75.7	81	N E	...	...	Fog	Ditto ditto.
FAIR POINT.	21st	10	29.903	29.928	81.0	74.7	73	E N E	2	...	...	Ditto ditto.
	22nd	10	29.875	29.897	81.0	75.2	75	N E	1	...	...	Foggy.
	Nov. 16th	10	29.875	29.893	80.3	73.4	70	N N E	6	...	...	Fine weather, with passing clouds.
	17th	10	30.002	30.018	80.3	72.4	66	N E	8	...	...	Ditto ditto.
	18th	10	30.031	30.049	78.3	69.4	61	N N E	11	...	...	Fine clear weather.
	19th	10	29.980	29.998	81.3	72.4	63	N N E	4	...	...	Ditto.
	20th	10	29.960	29.978	81.8	74.9	71	N N E	7	...	...	Ditto.
	21st	10	30.010	30.028	81.3	71.9	61	N E	7	...	...	Fine weather, with passing clouds.
	22nd	10	30.002	30.020	81.3	70.9	68	N E	5	...	...	Fine clear weather.
	Nov. 16th	10	29.958	29.990	80.0	68.5	53	N E	3	...	...	Fine weather, with passing clouds.
VIRAGAPATAN.	17th	10	29.973	30.005	80.5	70.0	57	N E	3	...	...	Ditto ditto.
	18th	10	29.953	29.985	79.0	70.5	64	N E	5	...	...	Ditto ditto.
	19th	10	29.917	29.949	78.5	73.5	78	N E	5	0.10	Overcast	Sea rough
	20th	10	29.913	29.945	81.0	76.0	78	E	5	0.10	...	Fine weather, with passing clouds.
	21st	10	29.970	30.002	80.0	75.0	78	N	3	8.79	...	Continuous rain for upwards of 12 hours.
	22nd	10	29.980	30.012	78.5	75.0	80	S W	1	0.30	...	Moist and muggy
	Nov. 16th	10	29.914	29.955	84.5	81.5	87	N	7	1.28	Overcast	Dark, gloomy weather.
	17th	10	29.912	29.953	81.5	75.5	75	N N E	7	0.40	...	Ditto.
	18th	10	29.915	29.956	82.0	76.0	75	S S W	7	...	...	Fine weather, with passing clouds.
	19th	10	29.914	29.955	82.0	78.5	85	S E	6	0.19	...	Ditto ditto.
COLOMBO.	20th	10	29.914	29.945	84.5	78.5	68	S W	4	...	...	Ditto ditto.
	21st	10	29.914	29.985	83.0	76.5	73	S S W	4	...	...	Ditto ditto.
	22nd	10	29.938	29.970	83.6	77.0	75	S S W	3	...	...	Ditto ditto.

* Velocity of wind in miles per hour

CALCUTTA,
The 22nd November 1879.JOHN ELIOT,
Meteorological Reporter to the Govt. of Bengal.

**Results of the Meteorological Observations taken at the Alipore Observatory from
16th to 22nd November 1879.**

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fah.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1879.		☉	Inches.	☉	☉	☉	☉	☉	Inches	☉	%			Inches	
Nov.	16th	147.7	29.939	74.7	83.3	15.6	67.8	68.7	0.623	65.2	72	Till 8 A.M. E, till 1-15 P.M. N E by E, till midnight N E.	75	Nil	chiefly cloudy.
"	17th	137.8	.979	73.5	82.3	14.4	67.9	66.4	.556	61.9	67	Till 7 A.M. N E, till midnight chiefly N by E.	117	...	Clear, w.
"	18th	136.5	.961	72.9	82.8	16.8	66.0	68.0	.619	65.0	76	Till 12-30 P.M. N by E, till midnight N W by W.	61	...	Clear, w.
"	19th	138.5	.924	74.6	84.3	16.1	68.2	68.9	.631	65.6	73	Till 5 A.M. N W by W, till 1 P.M. chiefly N, till midnight chiefly N W by N.	75	...	Chiefly clear, w.
"	20th	139.7	.921	73.8	83.1	15.4	67.7	68.5	.628	65.4	75	Till 6 A.M. N W by N, till 1 P.M. N N E through N, till midnight N by E.	80	...	Chiefly clear, w.
"	21st	135.7	.936	71.6	81.4	16.1	65.3	65.3	.542	61.2	71	Till 10 A.M. N by E, till midnight N N W.	80	...	Chiefly clear w
"	22nd	136.4	.932	71.0	81.1	17.9	63.2	62.6	.456	56.4	60	Chiefly N N W.	83	...	Clear, w.

The mean pressure of the seven days	...	...	Inches.
The average pressure of the corresponding period for 24 years, S. G. Office	...	...	29.942
			29.992

		☉
The mean temperature of the seven days	...	73.2
The average temperature of the corresponding period for 24 years, S. G. Office	...	73.8
The extreme variation of temperature during the seven days	...	21.1
The maximum temperature during the seven days	...	84.3

		%
The mean relative humidity during the seven days	...	71
The average relative humidity of the corresponding period for 24 years, S. G. Office	...	70

		Inches.
The total fall of rain from 16th to 22nd November 1879	...	Nil.
The average fall of the corresponding period for 24 years, S. G. Office	...	0.01
The total fall from 1st January to 22nd November 1879	...	43.10
The average fall of the corresponding period for 24 years, S. G. Office	...	61.54

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h., and 22h.; the maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

w dew.

METEOROLOGICAL OFFICE, INDIA,

The 24th November 1879.

HENRY F. BLANFORD,

Meteorological Reporter to the Government of India.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

ORISSA CIRCLE.

Statements showing the total amount of Traffic and Tolls on the Canals for the month of September 1879.

Kendrapara Canal and its branch to Gundukia on the Gobri River.

LENGTH OF CANAL OPEN—39 MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			

LOCAL TRAFFIC.

(1) PRIVATE.

		Mds.	Rs.				Rs. A P.	A. P.
36	Paddy	4,230	8,460	8,025	287	10,821	133 10 0	.....
19	Rice	5,345	21,380	7,829	280	9,940	128 12 0	.....
23	Spices	4,900	98,000	10,878	389	16,338	211 0 0	.....
7	Jaggery	960	4,800	1,922	69	1,808	21 12 0	.....
2	Miscellaneous	300	2,000	623	22	924	12 0 0	.....
2	Gumies	350	2,150	740	26	1,176	12 2 0	.....
1	Ghee	10	420	55	2	84	1 0 0	.....
2	Kharee	350	1,750	818	29	1,216	16 0 0	.....
12	Salt	1,900	9,500	3,236	116	3,882	45 2 0	.....
2	Linseed	300	1,500	388	14	588	11 8 0	.....
4	Gallnuts	900	1,800	1,358	49	2,038	26 8 0	.....
2	Stones	250	60	453	16	673	3 8 0	.....
1	Tobacco	25	250	68	2	32	0 4 0	.....
2	Tiles	450	25	692	25	312	3 4 0	.....
1	Betel	10	200	40	2	16	0 4 0	.....
2	Timbers	150	600	275	10	300	2 8 0	.....
2	Earthenware	110	20	224	8	274	2 14 0	.....
1	Cotton	200	2,000	318	11	220	1 8 0	.....
7	Wheat	2,900	11,600	4,296	153	6,426	62 4 0	.....
2	Sai-slabs	357	198	587	21	882	11 8 0	.....
7	Sleepers	2,200	8,800	3,763	134	5,628	74 0 0	.....
3	Turmeric	200	1,000	429	15	304	6 12 0	.....
6	Timseed	1,310	6,140	1,879	67	2,126	26 0 0	.....
3	Gram	145	535	316	11	427	4 14 0	.....
3	Castor seed	350	1,750	750	27	582	7 2 0	.....
7	Firewood	650	65	1,192	39	712	11 10 0	.....
23	Miscellaneous goods, &c., of Messrs. Bullock, Wellsted & Co.	.....	.....	18,296	653	26,120	259 12 0	.....
6	Passengers (16 in number)	.....	.....	546	20	816	9 1 0	.....
179	Empty boats	.....	.....	16,663	535	17,146	180 8 0	.....
372	Total	28,861	1,85,003	86,578	3,092	111,830	1,291 15 0	0 2 2
456	Total of same month last year	46,502	2,58,083	96,921	3,401	124,770	1,273 12 9	0 2 0
MISCELLANEOUS.								
21	Passengers (573 in number)	.....	.....	.....	.....	.....	157 5 4	.....
...	Timber (21 in number)	.....	.....	.....	.....	.....	7 14 0	.....
2	Bamboos (12,500 in number)	.....	84	.....	.....	.....	31 4 0	.....
...	Demurrage on boats	.....	160	.....	.....	.....	2 10 0	.....
23	Total	.....	244	.....	.....	.....	199 1 4	.....
2	Total of same month last year	.....	616	.....	.....	.....	46 0 0	.....

In comparing with the corresponding month of last year the private trade shows an increase of Rs. 171, which is due to the increase of traffic in items miscellaneous goods of Messrs. Bullock, Wellsted & Co. and spices; all other items show a decrease which is due to the heavy rainfall during the month.

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

1	Empty boats	.....	.....	624	22	880	12 0 0	.....
1	Total	.....	.....	624	22	880	12 0 0	0 2 6
31	Total of same month last year	4,530	500	9,900	354	15,834	142 4 0	0 1 6
MISCELLANEOUS.								
11	Boats passed free*	.....	.....	.....	.....	.....	.....	.....
11	Total	.....	.....	.....	.....	.....	.....	.....
72	Total of same month last year	.....	.....	.....	.....	.....	.....	.....

* A memorandum of free boats is attached.

Kendrapara Canal.—continued.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			

ABSTRACT.

		Mds.	Rs.				Rs.	A. P.	A. P.
395	Private, including miscellaneous	28,861	1,85,247	86,578	3,092	111,830	1,491	0	4
12	Government stores, including miscellaneous	...	...	634	22	880	12	0	0
407	Grand Total	28,861	1,85,247	87,202	3,114	112,710	1,503	0	4*
561	Grand total of same month last year	51,032	2,59,199	1,06,821	3,815	140,604	1,462	0	9

* Of this, Rs. 491-2-7 is the total collection of Gobri Canal Locks, and Rs. 1,011-13-9 is the collection of Kendrapara Canal Locks.

MEMO.		Rs.	A.	P.
Unrecovered balance on the 1st of the month	...	1,094	3	11
Amount of tollage for the month	...	1,503	0	4
Total	...	2,597	4	3
Amount credited in the accounts for the month	...	1,632	5	7
Balance at the end of the month	...	964	14	8

MEMO. OF FREE BOATS.

Particulars.	No. of boats.	Maundage.	Tonnage.	Tollage realizable.
Passenger boats of Government officials	4	1,582	56	24 12 0
Boats passed for Jumboo Harbour works	2	336	12	4 14 0
Orissa Carrying Co.'s steamer, &c.	5	2,230	80	33 6 0
Total	11	4,148	148	63 0 0

High Level Canal, Range I.

LENGTH OF CANAL OPEN—33 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

9	Paddy	1,080	2,160	2,617	73	2,485	29	7	6
22	Rice	4,320	17,280	8,117	290	9,826	119	7	0
4	Gram	330	990	668	24	812	9	13	6
3	Salt	1,293	6,465	2,126	76	2,156	25	13	6
1	Turmeric	40	200	94	3	99	1	5	6
1	Cocanut	25	50	210	8	264	3	0	0
2	Timbers	702	2,450	1,404	50	1,794	21	0	0
1	Iron	130	650	261	4	164	1	14	0
1	Miscellaneous	160	100	127	9	316	3	12	0
23	Passengers, (219 in number)	...	...	5,062	181	5,073	84	5	3
44	Empty boats	...	...	3,833	137	4,070	50	13	9
121	Total	8,020	39,345	23,949	855	27,809	350	12	0
102	Total of same month last year	8,402	33,148	19,737	704	23,692	287	4	5
	Demurrage on boats	...	...	...	...	...	7	0	0
	Total	...	...	...	...	...	7	0	0
	Total of same month last year	...	...	...	...	...	...	...	...

In comparing with the corresponding month of last year the private trade shows an increase of Rs. 64, which is due to the increase of traffic in item rice alone, and there appears to be a decrease on all other items.

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

24	Rubble stone	5,150	80	10,301	368	368	51	8	0
11	Empty boats	...	...	2,493	89	1,107	16	10	0
35	Total	5,150	80	12,799	457	1,475	68	2	0
110	Total of same month last year	12,616	237	42,350	1,512	8,423	249	10	0
	MISCELLANEOUS.								
1	Boat passed free*	...	...	Nil	...	...	...	...	...
1	Total	...	...	...	...	...	...	...	...
	Total of same month last year	...	...	...	...	...	...	...	...

* A memorandum of free boats is attached.

High Level Canal, Range I.—continued.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	A. P.
121	Private, including miscellaneous	8,020	30,345	23,949	855	27,809	357 12 0	.....
36	Government stores, including miscellaneous	5,150	80	12,799	457	1,475	68 2 0	.....
157	Grand Total	13,170	30,425	36,748	1,312	29,284	425 14 0	.....
112	Grand total of same month last year	21,107	33,385	62,057	2,216	32,084	536 14 5	.....

MEMO.

						Rs. A. P.
Unrecovered balance on the 1st of the month	...	...	...	...	...	366 14 3
Amount of tollage for the month	...	...	...	...	...	425 14 0
Amount credited in the accounts for the month	...	...	...	...	...	792 12 3
Balance at the end of the month	...	...	...	...	...	425 9 6
						367 2 9

MEMO. OF FREE BOATS.

Particulars.	No. of boats.	Maundage.	Tonnage.	Tollage realizable.
Boat passed for Government officers on duty	1	119	4	Rs. A. P. 1 8 0
Total	1	119	4	1 8 0

Taldunda Canal.

LENGTH OF CANAL OPEN—27 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

2	Paddy	466	650	634	23	341	4 8 5	.....
2	Rice	215	650	1,287	46	93	6 7 0	.....
5	Jaggery	1,621	9,730	2,404	86	2,150	24 0 4	.....
1	Gram	107	430	643	23	46	3 3 6	.....
1	Salt	230	575	432	16	341	4 5 2	.....
1	Lime	240	75	450	16	16	2 4 0	.....
1	Sand cut stone	180	50	690	21	580	6 0 0	.....
1	Copper vat	63	200	250	9	9	1 4 0	.....
1	Gallnuts	240	480	500	15	15	2 1 8	.....
27	Passengers	.....	.....	16,578	592	1,184	82 14 0	.....
21	Empty	.....	.....	5,238	187	2,805	37 6 4	.....
63	Total	3,362	12,840	28,936	1,034	7,579	174 6 5	44
102	Total of same month last year	17,234	28,901	57,953	2,070	17,425	103 1 11	11
	MISCELLANEOUS.							
...	100 timbers	.....	600	.....	.....	.....	37 8 0	.....
...	963 passengers	.....	.....	.....	.....	.....	2 9 0	.....
...	Total	.....	600	.....	.....	.....	40 1 0	000
...	Total of same month last year	.....	140	.....	.....	.....	20 4 11	000

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

1	Goils	397	50	600	21	107	3 0 0	.....
1	Empty	.....	.....	202	7	30	1 0 3	.....
2	Total	397	50	802	28	143	4 0 3	53
...	Total of same month last year	.....	.....	.....	.....	.....	.....	000

ABSTRACT.

63	Private, including miscellaneous	3,362	13,440	28,936	1,034	7,579	214 7 5	.....
2	Government stores, including miscellaneous	397	50	802	28	143	4 0 3	.....
65	Grand Total	3,759	13,490	29,738	1,062	7,722	218 7 8	.....
102	Grand total of same month last year	17,234	29,041	57,953	2,070	17,425	123 6 10	.....

MEMO.

						Rs. A. P.
Unrecovered balance on the 1st of the month	...	...	...	...	...	56 4 7
Amount of tollage for the month	...	...	...	...	...	218 7 8
Amount credited in the accounts for the month	...	...	...	...	...	274 12 2
Balance at the end of the month	...	...	...	...	...	166 1 6
						108 10 9

High Level Canal, Range III—continued.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	A. P.
42	Private, including miscellaneous	1,150	4,550	8,365	299	2,921	81 9 0	.....
...	Government stores, including miscellaneous	.....	.....	.....	.....	.....	.....	.....
42	Grand Total	1,150	4,550	8,365	299	2,921	81 9 0	.....
...	Grand total of same month last year	.....	.....	.....	.....	.....	.....	.....

MEMO.

Rs. A. P.

Unrecovered balance on the 1st of the month	...	...	...	...	...	56 9 7
Amount of tollage for the month	...	...	...	...	...	81 9 0
				Total	...	138 3 7
Amount credited in the accounts for the month	...	...	...	...	...	67 7 7
Balance at the end of the month	...	...	...	...	...	70 11 0

SOUTH-WESTERN CIRCLE.

Midnapore Canal.

LENGTH OF CANAL OPEN—53 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

18	Betel-leaves	...	840	4,800	2,500	.....	13 10 6	.....
4	Betel-nuts	...	162	1,572	875	.....	3 4 6	.....
1	Bones	...	150	150	350	.....	10 8 0	.....
10	Bricks and tiles (8,500 in number)	...	850	228	2,900	.....	10 15 9	.....
42	Brass and copper, and their manufactures	...	10,252	3,82,700	27,365	.....	175 9 9	.....
42	Coal and coke	...	11,585	5,256	22,565	.....	194 13 9	.....
16	Cotton, raw	...	1,385	25,500	4,475	.....	40 10 0	.....
36	Cocoanuts (56,825 in number)	...	884	2,336	6,855	.....	92 13 3	.....
39	Cotton, twist and yarn (European)	...	4,023	1,10,628	12,275	.....	94 4 6	.....
12	Cotton piece-goods (European)	...	997	48,550	5,650	.....	37 13 0	.....
33	Cotton ditto (Indian)	...	1,760	1,58,858	7,165	.....	45 4 0	.....
46	Curd	...	4,955	14,665	13,925	.....	72 13 0	.....
1	Cattle, No. 1	...	10	20	70	.....	0 9 9	.....
1,239	Empty boats	...	.....	1,17,775	.....	.....	1,010 13 6	.....
54	Earthenware	...	5,763	1,675	13,360	.....	80 1 0	.....
11	Firewood	...	1,110	380	3,620	.....	11 8 6	.....
48	Fruits and nuts of all kinds	...	12,530	18,410	21,475	.....	320 1 6	.....
74	Gram and pulse	...	8,245	33,632	21,375	.....	152 7 0	.....
10	Goats and sheep, No. 280	...	67	530	850	.....	8 5 3	.....
4	Gunny cloths (pieces 800)	...	300	2,400	740	.....	2 13 0	.....
3	Gunny bags (5,400 in number)	...	275	700	675	.....	5 5 6	.....
2	Horns	...	150	1,500	675	.....	2 8 6	.....
13	Hides of cattle, untanned (10,010 in number)	...	1,420	18,230	3,690	.....	51 6 0	.....
5	Iron and its manufactures	...	366	2,660	1,175	.....	10 10 6	.....
8	Indigo-seed	...	1,485	12,150	2,955	.....	88 10 3	.....
7	Jute, raw	...	870	2,870	1,960	.....	8 6 0	.....
10	Lime and limestones	...	1,160	940	2,570	.....	18 10 0	.....
1	Liquor	...	10	500	175	.....	0 10 6	.....
122	Miscellaneous	...	5,279	12,733	20,920	.....	145 3 9	.....
69	Mustard	...	19,777	43,198	25,510	.....	173 3 9	.....
57	Oil-cake	...	8,150	8,662	18,000	.....	160 7 6	.....
5	Oil	...	675	6,430	1,825	.....	22 8 0	.....
6	Other oilseeds	...	640	2,520	2,650	.....	12 13 6	.....
11	Other saline substance	...	1,020	1,550	2,625	.....	82 7 0	.....
7	Other fibres, raw	...	360	1,320	1,350	.....	9 6 0	.....
1	Other fibres manufactured	...	400	4,000	800	.....	24 0 0	.....
1,350	Passenger boats	...	.....	75,339	.....	.....	633 12 0	.....
322	Paddy	...	41,680	85,360	84,753	.....	1,355 15 0	.....
258	Rice	...	47,565	1,67,917	92,723	.....	967 15 6	.....
24	Silk, raw	...	273	71,660	4,965	.....	26 10 6	.....
132	Salt	...	42,845	1,72,550	81,500	.....	828 6 0	.....
162	Straw (3,596 kahuns)	...	38,494	13,135	92,550	.....	682 2 6	.....
59	Sand	...	20,000	2,040	55,875	.....	134 8 0	.....
3	Stone-plates	...	225	1,200	625	.....	9 9 0	.....
107	Sugar, unrefined	...	12,170	55,559	28,890	.....	153 1 6	.....
119	Saf piles (5,663 in number)	...	9,135	12,497	12,840	.....	163 7 0	.....
2	Stamp papers	...	139	8,500	695	.....	29 13 6	.....
22	Spices	...	2,740	16,448	7,540	.....	82 8 5	.....
75	Tobacco	...	11,013	68,848	26,873	.....	289 15 0	.....
166	Timbers (5497 in number)	...	55,562	1,07,599	50,525	.....	1,423 8 3	.....
7	Vegetables and other kinds of provisions	...	380	650	709	.....	3 9 9	.....
12	Wheat	...	607	1,988	2,029	.....	14 15 0	.....
4,907	Total	...	3,81,587	17,22,284	9,75,550	24,841	9,876 15 3	0 3
5,147	Total of same month last year	...	3,46,080	16,09,413	9,00,240	34,204	9,023 6 3	0 29
MISCELLANEOUS.								
...	Passengers (14,502 in number)	...	.....	.....	.....	.....	254 10 5	.....
...	Demurrage, &c.	...	.....	.....	.....	.....	46 5 1	.....
23	Boats passed free	...	.....	.....	.....	.....	.....	.....
23	Total	...	.....	.....	.....	.....	269 15 6	.....
11	Total of same month last year	...	.....	.....	.....	.....	245 11 3	.....

Midnapore Canal—continued.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.			Rs. A. P.	A. P.
2	Coal	1,500	465	2,400		72 0 0	
2	Empty boats			750		22 8 0	
4	Total	1,500	465	3,150	112	94 8 0	
21	Total of same month last year	4,412	1,419	10,075	359	166 2 0	

ABSTRACT.

4,930	Private, including miscellaneous	3,81,587	17,22,234	9,75,550	34,541	624,706	10,157 14 9	
4	Government stores, including miscellaneous	1,500	465	3,150	112	5,961	94 8 0	
4,934	Grand total	5,83,087	17,22,699	9,78,700	34,653	630,667	10,252 6 9*	
5,179	Grand total of same month last year	3,50,492	16,10,862	9,70,305	34,653	639,430	9,437 3 6	

MEMO.

	Rs.	A.	P.
Unrecovered balance on the 1st of the month	1,771	5	3
Amount of tollage for the month	10,252	6	9
Total	12,023	12	0
Amount credited in the accounts for the month	10,914	13	3
Balance at the end of the month	1,108	14	9

* This includes tolls on the Narainghur channel amounting to Rs. 47-6-3.

Hidjellee Tidal Canal.

LENGTH OF CANAL OPEN—29 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

1	Betelnut	16	160	60			1 1 3	
3	Bamboos (262 in number)	28	30	240			2 15 3	
2	Coconut (1,100 in number)	24	24	250			4 8 6	
1	Cotton, raw	100	1,500	275			1 14 3	
1	Coal	30	8	325			5 14 3	
643	Empty boats			61,235			694 0 9	
11	Earthenware (7,140 in number)	236	116	1,040			8 13 3	
9	Fish	3	30	90			0 13 0	
1	Firewood	500	60	500			3 7 0	
1	Lime	500	500	700			4 13 0	
4	Limestone or ghooting	255	28	575			3 15 3	
112	Miscellaneous	5,249	36,090	21,920			302 12 0	
11	Mats (4,900 in number)	680	3,390	2,970			20 10 0	
8	Mustard	407	1,834	1,550			14 5 0	
742	Paddy	1,29,713	2,10,002	2,40,530			3,254 14 6	
51	Passenger-boats			2,465			22 7 3	
23	Rice	5,185	15,555	10,535			108 4 9	
27	Straw (620 kahans)	9,437	1,528	18,165			124 13 9	
41	Salt	8,685	54,170	18,075			253 10 0	
1	Sugar, refined	40	36	125			1 6 6	
1	Skin (100 pieces)	50	1,000	100			0 11 0	
2	Sugar, unrefined	32	174	275			4 7 6	
1	Timber boat	60	175	80			0 14 3	
4	Tobacco	285	1,850	1,500			24 10 6	
1	Tamarind	100	250	400			2 12 0	
1,740	Total	1,61,115	5,09,500	3,84,580	13,735	273,922	4,898 14 9	0 34
1,448	Total of same month last year	1,21,489	5,28,372	3,68,395	11,014	215,408	3,775 15 6	0 33
MISCELLANEOUS.								
	Passengers (145 in number)						3 5 9	
	3 Rafts of 41 timber						7 8 9	
	1 Billo of 260 bamboos						0 8 0	
	Demurrage, &c.						23 8 6	
	Total						34 15 0	
	Total of same month last year						8 3 6	

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

1	Sand	200	12	300	11	118	2 1 0	
1	Total	200	12	300	11	118	2 1 0	
4	Total of same month last year		17	270	10	174	3 0 3	

Hidgellee Tidal Canal—continued.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			
ABSTRACT.								
1,740	Private, including miscellaneous	Mds. 1,61,115	Rs. 3,09,300	3,84,580	13,735	273,922	Rs. A. P. 4,933 15 9	A. P.
1	Government stores, including miscellaneous	200	12	300	11	118	2 1 0	.....
1,741	Grand total	1,61,315	3,09,312	3,84,880	13,746	274,040	4,935 14 9	.....
1,452	Grand total of same month last year	1,21,489	3,28,389	3,08,665	11,024	215,582	3,787 3 3	.....
MEMO.								
Unrecovered balance on the 1st of the month						Rs. A. P. 375 2 3		
Amount of tolls for the month						4,935 14 9		
Total						5,311 5 0		
Amount credited in the accounts of the month						4,317 14 0		
Balance at the end of the month						993 7 0		

SONE CIRCLE.

Arrah Canal.

LENGTH OF CANAL OPEN—65 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

12	Rice	1,954	5,802	3,171	113	1,716	18 14 9	.....
1	Wheat	125	375	196	7	84	0 6 3	.....
27	Salt	8,188	36,846	16,674	381	19,737	201 3 0	.....
40	Other articles of food	10,173	71,211	14,775	527	15,114	159 4 3	.....
1	Mustard	196	780	292	10	410	4 4 9	.....
10	Lime	4,085	500	5,428	103	8,256	91 9 6	.....
16	Stones	5,155	824	6,079	208	13,369	71 5 3	.....
15	Kunker	7,329	1,172	8,505	374	3,022	18 11 3	.....
2	Timbers	288	864	427	15	180	5 8 6	.....
12	Table and almirahs	370	925	1,668	59	839	10 13 6	.....
2	Cotton	633	5,629	869	31	752	7 13 3	.....
3	Coal	246	122	302	10	108	0 12 0	.....
1	Blanket	214	4,280	314	11	451	4 11 0	.....
2	Kundary	550	3,292	825	29	1,116	10 9 6	.....
1	Boxes, wooden	99	99	154	5	200	2 5 6	.....
14	Wood	1,709	642	3,098	110	1,222	13 0 9	.....
1	Tobacco	389	3,809	455	16	1,280	10 11 0	.....
1	Indigo seeds	115	2,300	190	6	348	3 13 3	.....
1	Leather	145	950	230	8	84	0 15 9	.....
3	Iron	160	1,600	248	8	16	1 8 9	.....
2	Papers	215	850	328	11	60	1 6 9	.....
1	Cattle	99	250	162	5	60	0 10 6	.....
1	Gunny-bags	112	1,120	180	6	72	0 12 3	.....
154	Empty	.....	.....	15,391	549	8,592	48 2 6	.....
96	Passengers	.....	.....	11,767	420	6,844	77 3 6	.....
416	Total	42,637	1,44,393	86,628	3,082	84,512	766 9 3	0 1
390	Total of same month last year	41,871	1,26,646	70,881	2,521	94,282	1,187 6 9	0 1
MISCELLANEOUS.								
...	Rafts of bamboos and bullahs (10,780 in number.)	.....	.....	.....	.....	.....	12 10 0	.....
...	Total	.....	.....	.....	.....	.....	12 10 0	.....
6	Total of same month last year	.....	.....	.....	.....	.....	2 5 6	.....

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

12	Stones	1,992	21,872	5,042	108	1,664	9 1 0	.....
1	Passengers in No. 1	.....	.....	39	1	14	0 3 9	.....
1	Timber	15	45	45	1	14	0 5 3	.....
12	Empty	.....	.....	2,060	73	4,234	20 13 6	.....
1	Boxes	140	140	204	7	406	4 6 0	.....
2	Iron	459	1,756	639	22	616	13 2 0	.....
29	Total	2,586	23,822	6,029	212	6,948	47 15 6	0 1
17	Total of same month last year	3,850	23,080	7,022	248	13,670	134 12 3	.....
MISCELLANEOUS.								
...	Rafts of bamboos and bullahs (20,000 in number.)	.....	.....	.....	.....	.....	5 0 0	.....
...	Total	.....	.....	.....	.....	.....	5 0 0	.....
...	Total of same month last year	.....	.....	.....	.....	.....	37 11 0	.....

ABSTRACT.

416	Private, including miscellaneous	42,637	1,44,393	86,628	3,082	84,512	779 3 3	.....
29	Government stores, including miscellaneous	2,586	23,822	6,029	212	6,948	52 15 6	.....
445	Grand total	45,223	1,68,215	92,657	3,294	91,460	832 2 9	.....
413	Grand total of same month last year	45,721	1,49,726	77,903	2,769	107,952	1,362 3 6	.....
MEMO.								
Unrecovered balance on the 1st of the month						Rs. A. P. 261 14 2		
Amount of tollage for the month						832 2 9		
Total						1,094 0 11		
Amount credited in the accounts for the month						844 4 3		
Balance at end of the month						249 12 8		

N. B.—The falling off, as compared with the same month last year, is mainly due to the traffic for semi-official departments in lime and road metal having fallen off.

Western Main Canal.

LENGTH OF CANAL OPEN—22 MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			
3	Ghee	1,100	22,000	1,550	55	1,430	23 4 6	.....
7	Empty boats ... ..	.....	.....	555	19	454	3 3 6	.....
10	Total	1,100	22,000	2,105	74	1,924	25 7 6	0 23
18	Total of same month last year	3,864	24,513	7,130	255	6,302	99 12 9	0 30
MISCELLANEOUS.								
Nil.*								
...	Total of same month last year ... ..	.....	.....	.....	.....	.....	0 2 0	.....

* The reason of the falling off in the traffic, as compared with the traffic for the corresponding month of the previous year, is that merchants were unwilling to risk their goods out from under cover in the inclement weather.

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

6	Empty boats ... ..	.....	.....	345	12	216	1 6 0	.....
6	Total ... ..	.....	.....	345	12	216	1 6 0	0 13
6	Total of same month last year	120	24	390	11	60	2 7 0	0 77

ABSTRACT.

10	Private, including miscellaneous	1,100	22,000	2,105	74	1,924	25 7 6	.....
6	Government stores, including miscellaneous ... ..	.....	.....	345	12	216	1 6 0	.....
16	Grand total	1,100	22,000	2,450	86	2,140	26 13 6	.....
24	Grand total of same month last year	3,864	24,537	7,450	266	6,362	102 5 9	.....

MEMO.

Rs. A. P.

Unrecoverable balance on the 1st of the month	...	...	...	...	...	63 4 9
Amount of tollage for the month	...	...	...	...	...	26 13 6
Total						89 2 3
Amount credited in the accounts for the month	...	...	...	...	...	CS 15 9
Balance at the end of the month	...	...	...	...	...	20 2 6

Patna Canal.

LENGTH OF CANAL OPEN—86½ MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

4	Rice	700	2,100	1,156	41	1,921	23 10 3	.....
1	Wheat	225	600	415	15	1,228	12 8 0	.....
3	Pulses	465	1,325	1,082	39	2,948	31 4 0	.....
28	Other food than wheat and rice	2,920	16,370	6,652	235	27,509	186 7 3	.....
18	Salt	1,775	6,740	4,159	148	11,413	115 7 0	.....
1	Linseed	150	450	228	8	506	5 4 6	.....
3	Other seeds	390	1,325	712	27	1,891	18 11 0	.....
3	Stimulant	650	1,975	1,420	50	2,421	24 1 9	.....
7	Clothing	853	7,900	1,828	64	3,704	38 1 0	.....
1	Staple of Manufacture	150	200	313	11	220	2 5 0	.....
37	Building materials	1,510	527	13,934	493	13,987	117 10 0	.....
1	Pump, engine ... ..	.....	.....	506	18	1,408	16 10 0	.....
73	Empty boats ... ..	.....	.....	8,765	308	8,430	41 5 0	.....
43	Miscellaneous	5,651	37,574	10,054	451	30,109	314 13 0	.....
223	Total	15,441	76,880	51,844	1,908	107,815	947 2 3	0 13
190	Total of same month last year	13,754	69,605	46,388	1,401	88,101	890 14 2	0 22
MISCELLANEOUS.								
...	Planks in Raft (6 in number) ... ..	.....	.....	.....	.....	.....	0 0 3	.....
...	Bullahs in Raft (1,112 in number) ... ..	.....	400	.....	.....	.....	2 1 0	.....
...	Bamboos and Bullahs (89,518 in number) ... ..	.....	1,643	1,414	50	1,356	32 4 0	.....
...	Passengers (23 in number) ... ..	.....	.....	.....	.....	.....	2 7 6	.....
...	Total ... ..	.....	2,043	1,414	50	1,356	36 12 9	0 52
...	Total of same month last year ... ..	.....	255	.....	.....	.....	0 14 0	.....

Patna Canal—continued.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton. mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.				Rs. A. P.	A. P.
9	Miscellaneous	55	507	1,114	49	1,553	11 2 0	.....
6	Empty boats ... ..	.....	.....	494	17	603	3 7 0	.....
1	Tools and plant ... ..	.....	.....	81	3	43	0 10 0	.....
1	Plantation	670	550	1,219	43	622	9 6 6	.....
17	Total	725	1,057	2,941	103	2,911	24 9 6	0 1 6
114	Total of same month last year ...	26,131	6,321	42,296	1,542	47,471	528 9 7	0 9 2
MISCELLANEOUS.								
6	Steamers passed free ... ..	.....	.....	.....	.....	.....	.....	.....
6	Total* ... ..	.....	.....	.....	.....	.....	.....	.....
9	Total of same month last year ...	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

223	Private, including miscellaneous	15,441	78,929	53,258	1,929	100,171	983 15 0	.....
23	Government stores, including miscellaneous	725	1,057	2,941	103	2,911	24 9 6	.....
246	Grand total	16,166	79,986	56,199	2,031	112,682	1,008 8 6	.....
215	Grand total of same month last year ...	40,185	76,181	82,684	2,943	135,572	1,420 5 9	.....

MEMO.

Rs. A. P.

Unrecovered balance on the 1st of the month	...	...	...	...	...	142 15 9
Amount of tollage for the month	...	...	...	...	...	1,008 8 6
Total						1,151 8 3
Amount credited in the accounts for the month	...	...	...	...	...	577 7 3
Balance at the end of the month	...	...	...	...	...	574 1 0

ABSTRACT.

CANALS.	TOLLAGE OF THE YEAR 1879-80.		TOLLAGE OF THE YEAR 1878-79.		REMARKS.
	During the month.	To end of month.	During the corresponding month.	To end of cor- responding month.	
ORISSA CIRCLE.					
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Kendrapara	1,503 0 4	14,822 10 2	1,492 0 0	11,068 15 5	
High Level, Range I	425 14 0	3,772 5 9	536 14 5	3,968 14 11	
Taldunda	218 7 8	1,014 11 9	123 0 10	594 13 8	
High Level, Range II	595 8 3	5,933 10 0	.....	.....	
Ditto, ditto III	81 9 0	623 13 2	.....	.....	
Total Orissa Circle	2,824 7 3	25,921 3 7	2,122 6 0	15,572 12 0	
SOUTH-WESTERN CIRCLE.					
Midnapore	10,252 6 9	52,821 5 3	9,437 8 6	57,935 2 2	
Hidgollee Tidal	4,935 14 9	35,519 12 6	3,787 3 3	32,214 8 6	
Total South-Western Circle	15,188 5 6	88,341 1 9	13,224 6 9	70,149 10 8	
SONE CIRCLE.					
Arrah	892 2 9	6,280 2 1	1,962 3 6	4,232 12 3	
Western Main	26 13 6	550 12 3	192 5 9	398 2 9	
Patna	1,098 8 6	8,069 15 4	1,429 6 9	8,491 12 7	
Total Sone Circle	1,917 8 9	15,500 13 8	2,584 15 0	13,023 11 7	
GRAND TOTAL	19,889 5 6	1,29,763 3 0	18,231 11 9	98,755 2 3	

D. B. HORN,

Asst. Secy. to the Government of Bengal,
P. W. Dept., Irrigation Branch.

The 15th November 1879.

GOVERNMENT OF BENGAL.
PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR 1879-80.

Areas leased for Irrigation up to end of September 1879.

[illegible]

The 24th November 1879.

D. B. HORN,
Asst. Secy. to the Govt. of Bengal,
P. W. Dept., Irrigation Branch.

Report on the Fluctuations in Traffic on the Northern Bengal State Railway during the month of October 1879.

GENERAL REMARKS.

THE month's working again shows results that can only be looked upon as most satisfactory and promising. It will be seen that there is a very large increase in all staples of traffic (except tea) as compared with the corresponding month last year. In October 1878 the total traffic lifted stood at 87,747 maunds, whereas for the month under review we have carried 2,65,982 maunds or more than three times the weight.

Increases.

Alc Mds. 665
An increase under this head may now be looked for as (the cold weather) the season for sending forward stocks for the use of the troops at Darjeeling advances.

Food-grain Mds. 29,425
A total weight of 43,175 maunds was hauled under this head during the month, against 13,750 maunds in October 1878. The shipment of large quantities of the lower descriptions of rice to the Mauritius and West Indies is the main cause of the increase in despatches from this district.

Ginger Mds. 1,367
The traffic carried under this head has for some months past been trifling, but the reduced rate introduced on 20th October 1879 has induced holders of stocks to send the stuff forward.

Gunny-bags Mds. 1,854
An advance of about Re. 1 per hundred in mill-made bags has had the effect of again bringing hand-made gunnies into use for local purposes.

Jute Mds. 91,459
A large traffic has been done in this staple during the month. The favorable rates ruling in the Calcutta market, and the desire on the part of holders to take advantage of them, gave such a sudden impetus to despatches that all the rolling-stock of the line, both covered and open, had to be pressed into service. Last month we carried 49,896 maunds, which was the largest weight we had carried in any one month, but during the month under review we have lifted a gross weight of 1,01,511 maunds, or more than double the hitherto greatest weight.

Piece-goods Mds. 9,893
This, although a large and in every way a satisfactory increase over the despatches under the same head during the corresponding month last year, is a considerable falling off from the results shown last month. September's traffic, however, as explained in the traffic report for that month, was exceptional.

Railway material Mds. 1,765
The tramway is the cause of the despatches keeping up under this head.

Salt Mds. 11,534
A revival of the traffic in this staple may be confidently looked for, as water communication with our stations becomes, with the cessation of the rains, less easy and more costly.

Sugar Mds. 2,449
A total weight of 2,614 maunds was lifted under this head during the month. Out of this 10 maunds only were carried downwards. It is therefore evident that the cane-growing districts are not producing sufficient for local consumption.

Tobacco Mds. 8,700
This increase is scarcely so satisfactory as might have been expected under the present favorable rates. Last month we carried 22,880 maunds, whereas this month a total of 17,355 maunds only have been lifted.

All other goods Mds. 20,796
During October 1878 we lifted 5,378 maunds only under this head, whereas for the period under review 26,174 maunds have been carried, or nearly five times the weight.

Decrease.

Tea Mds. 1,672
The season's manufacture is now coming to a close, and a decrease in this staple must be looked forward to.

Statement shewing Increases and Decreases in maundage of Staples carried over the line during October 1879.

STAPLES.	OCTOBER 1878.		OCTOBER 1879.		Total. Oct. 1878.	Total. Oct. 1879.	Increase in 1879.	Decrease in 1879.
	Up.	Down.	Up.	Down.				
Alc	6	.....	608	3	6	671	665	.....
Food-grain	5,133	8,617	2,063	41,112	13,750	43,175	29,425	.....
Ginger	.....	973	32	2,308	973	2,340	1,367	.....
Gunny-bags	15	1,177	797	2,249	1,192	3,044	1,854	.....
Jute	14	10,038	163	1,01,408	10,052	1,01,511	91,459	.....
Piece-goods	279	135	10,067	240	414	10,507	9,893	.....
Railway material	28,916	2,167	32,006	842	31,081	32,848	1,765	.....
Salt	154	12	11,084	16	165	11,700	11,534	.....
Sugar	117	68	2,614	10	175	2,624	2,449	.....
Tea	.....	15,993	.....	14,231	15,993	14,231	.....	1,672
Tobacco	33	8,622	26	17,329	8,655	17,355	8,700	.....
All other goods	2,682	2,600	19,881	6,263	5,378	26,174	20,796	.....
Total	37,355	50,392	79,941	1,86,941	87,747	2,65,982	1,78,235	.....

SAIDPUR, the 17th November 1879.

G. M. DUFFY, Traffic Superintendent.

Report of Fluctuation of Traffic on the Tirhoot State Railway for the month of October 1879.

THE total quantity of goods carried during the month of October 1879 aggregated maunds 1,38,262 as compared with maunds 1,46,758 carried during the corresponding period of 1878, and maunds 90,731 carried during the previous month showing a decrease of maunds 8,496 in the one case and an increase of maunds 47,531 in the other.

INCREASES.

Food-grain 2,719 { This indicates revival of business, and the despatches from Burbhunga throughout the month have been for the most part local.
Hides and horns 1,823 { The export of hides has been very good, and this increase is due to accumulations during the floods.
Indigo 7 { This is merely a sample consignment. The despatches of indigo will be late this year.

Piece-goods	...	...	2,639	{ The traffic in this staple is not as good as was anticipated, there being no perceptible influx for the Doorga Poojahs as in former years. 9 A sample consignment. Due to a revival of traffic after the three preceding unfavorable months.
Indigo seeds	...	...	9	
Seeds, oil	...	...	9,513	
Salt	...	...	5,724	
Miscellaneous goods	...	...	4,728	

DECREASES.

Coal	...	...	Mds.	
Iron	...	...	6,944	{ Due to the stagnation of business during the long vacation of the Doorga Poojahs. Dependent on railway works under construction.
Saltpetre	...	...	397	
Sugar	...	...	14,049	
Tobacco	...	...	1,154	
Railway materials	...	...	5,861	
			7,253	

TIRHOOT STATE RAILWAY.

TRAFFIC DEPARTMENT.

Statement showing Increases and Decreases in Maundage of Staples carried over the Line during the month of October 1879, as compared with the corresponding period of 1878.

STAPLES.	1878.		1879.		1878.	1879.	Increases.	Decreases.
	Up.	Down.	Up.	Down.	Total.	Total.		
Coal	7,500	.....	556	.....	7,500	556	.....	6,944
Food-grains	10,719	29,839	7,075	36,222	40,578	43,297	2,719	.....
Hides and horns	.....	6,116	43	7,896	6,116	7,939	1,823	.....
Indigo	.....	.....	.....	7	.....	7	7	.....
Iron	1,321	100	897	27	1,321	924	.....	397
Piece-goods	8,607	37	11,237	136	8,734	11,373	2,639	.....
Railway material	6,098	3,062	989	1,527	9,760	2,507	.....	7,253
Seeds, indigo	.....	.....	.....	9	.....	9	9	.....
Seeds, oil	6	5,940	461	14,998	5,946	15,459	9,513	.....
Salt	6,500	769	9,594	3,493	7,278	13,062	5,724	.....
Saltpetre	.....	24,762	.....	10,713	24,762	19,713	.....	14,049
Sugar	74	2,411	542	819	2,516	1,361	.....	1,154
Tobacco	471	10,837	199	5,298	11,328	5,467	.....	5,861
Miscellaneous goods	12,519	8,401	18,474	7,174	26,920	25,648	4,728	.....
	53,814	92,944	50,058	88,204	1,46,753	1,38,262	27,162	35,558
					1,38,262	.....	.....	27,162
Decrease	.....	.....	.....	.....	8,496	.....	.....	8,496

SOMASTIPORE, the 11th November 1879.

W. M. JOHNSTON, Traffic Supdt.

Report of Fluctuation of Traffic on the Patna and Gya State Railway for the month of October 1879.

THE total quantity of goods carried during the month of October 1879 aggregated maunds 89,848, as compared with maunds 55,704 carried during the previous month, showing the very satisfactory increase of maunds 34,144.

PATNA AND GYA STATE RAILWAY.

TRAFFIC DEPARTMENT.

Statement showing Maundage of Staples carried over the Line during the month of October 1879.

STAPLES.	1878.		1879.		1878.	1879.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
Coal			3,547	.....	.....	3,547	.....	.....
Food-grains			2,591	36,312	.....	38,903	.....	.....
Hides and horns				1,031	.....	1,031	.....	.....
Indigo								
Iron			219	4	.....	223	.....	.....
Opium								
Piece-goods			2,392	290	.....	2,691	.....	.....
Railway materials			4,446	961	.....	5,407	.....	.....
Seeds, indigo								
Seeds, oil			54	2,073	.....	2,127	.....	.....
Salt			16,760	284	.....	17,044	.....	.....
Saltpetre				267	.....	267	.....	.....
Stones			933	.....	.....	933	.....	.....
Sugar			1,302	227	.....	1,529	.....	.....
Tobacco			1,715	205	.....	2,010	.....	.....
Miscellaneous goods			7,227	9,909	.....	17,136	.....	.....
Total			38,136	51,602	.....	89,848	.....	.....

SOMASTIPORE, the 11th November 1879.

W. M. JOHNSTON, Traffic Supdt.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 15th November 1879 on 1,283½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TOTAL TRAFFIC RECEIPTS.	TRAIN MILES RUN.				
	No. of passengers.	Coaching receipts.			Weight carried.	Receipts.				Coaching.	Merchandise.	Total.		
		Rs.	A. P.	£ s. d.	Mds. s.	Rs.	A. P.	£ s. d.	Rs.	A. P.	£ s. d.			
Total traffic for the week ...	123,932	1,79,807	7 3	16,487 17 0	11,83,065 39	5,96,391	13 9	51,696 15 1	7,76,559	5 0	46,765 1	109,919 1	147,685 1	
Or per mile of railway ...	.....	140	2 2	12 16 11	.....	464	14 4	42 12 4	605	0 6	.....	.....	.....	
For previous 19 weeks of half-year ...	2,491,123 1	32,21,425	1 6	295,297 6 0	1,91,14,359 20	81,12,148	15 6	743,613 13 1	1,13,33,574	1 0	883,951 1	1,467,242	2,351,193 1	
Total for 20 weeks ...	2,615,055 1	34,01,292	8 9	311,785 3 0	2,02,97,426 10	87,08,840	13 3	798,310 8 2	1,21,10,133	6 0	930,717	1,568,161 1	2,498,878 1	
COMPARISON.														
Total for corresponding week of previous year ...	135,633	2,03,621	4 9	18,605 5 9	12,63,058 20	4,86,652	4 3	44,609 12 9	6,90,273	0 0	48,000	90,141	138,141	
Per mile of railway, corresponding week of previous year ...	.....	159	1 9	14 11 8	.....	380	4 4	34 17 2	539	6 1	.....	.....	.....	
Total to corresponding date of previous year ...	2,612,924 1	34,11,556	12 5	312,726 0 9	1,93,12,989 30	76,75,249	4 0	793,663 13 9	1,19,86,797	6 5	942,366	1,471,798	2,414,164	

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate return of Traffic for week ended 15th November 1879 on 223½ miles open.

	No. of passengers.	Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.	£ s. d.				
Total traffic for the week ...	5,684	9,769 11 9	896 1 2	1,48,038 0	45,276 0 0	4,150 6 0	51,985 11 9	4,698 1	9,577 1	14,276 1		
Or per mile of railway ...	.....	43 6 4	3 19 7	.....	202 5 7	18 10 11	245 11 11	.....	.....	.....		
For previous 19 weeks of half-year ...	89,245 1	3,27,087 5 3	29,983 0 1	17,43,016 30	4,96,137 12 6	45,479 5 11	8,23,225 1 9	97,447 1	121,102 1	218,550		
Total for 20 weeks ...	104,929 1	3,36,797 1 0	30,873 1 3	18,91,051 30	5,41,413 12 6	49,629 11 11	8,78,210 13 6	102,146	130,680 1	232,826 1		
COMPARISON.												
Total for corresponding week of previous year ...	5,687	21,924 4 9	2,009 14 7	2,01,868 20	67,901 4 0	6,224 5 8	89,825 8 0	5,373	17,621	22,994		
Per mile of railway, corresponding week of previous year ...	.....	97 15 9	8 19 8	.....	303 7 6	27 16 4	401 7 3	.....	.....	.....		
Total to corresponding date of previous year ...	108,936 1	5,25,623 15 0	29,793 17 3	20,29,756 10	5,70,820 4 0	52,325 3 11	8,95,844 3 9	97,076	145,260	242,936		

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for Week ended 8th November 1879 on 171½ miles open.

	COACHING TRAFFIC.			MERCHANDISE AND MINERAL TRAFFIC.			Total receipts.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.		
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	33,822	23,105 7 6	2,576 6 8	2,10,459 0	67,131 3 0	6,153 18 10	8,780 5 0
Or per mile of railway	197	163 10 3	15 0 0	1,23 13	399 13 10	35 16 7	50 16 7
For previous 18 weeks of half-year ...	616,986	4,69,525 13 1	37,539 17 4	40,33,663 4	11,55,173 3 1	105,899 17 6	143,439 14 10
Total for 19 weeks ...	649,908	4,37,631 4 7	40,116 4 0	42,44,113 4	12,22,304 6 1	112,041 11 4	152,160 15 4
COMPARISON.							
Total for corresponding week of previous year	41,584½	29,079 11 3	2,665 12 9	1,51,225 22	40,767 12 9	3,778 1 0	4,402 13 9
Per mile of railway, corresponding week of previous year	261	183 2 10	16 15 9	952 24	266 12 11	23 10 11	40 6 8
Total to corresponding date of previous year...	731,695½	4,82,835 11 8	44,811 13 5	38,87,127 20	12,31,369 3 8	113,730 3 8	158,663 19 1

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

No. 39.

Latest return received.	Name of Railway.	Length open.	RECEIPTS FOR WEEK ENDING		TOTAL RECEIPTS FROM 1ST JANUARY		Total increase in 1879.	Total decrease in 1879.
			28th September 1878.	27th September 1879.	To 28th September 1878.	To 27th September 1879.		
1879.		Miles.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.
4th October ...	Northern Bengal ...	239	15,945 0 0	23,216 0 0	6,18,726 0 0	8,81,357 0 0	2,62,631 0 0	.....
4th ditto ...	Tirhoot ...	75	6,739 0 0	9,326 0 0	3,15,815 0 0	3,39,157 0 0	23,342 0 0	.....
1st November ...	Calcutta and South-Eastern ...	28	1,865 0 0	2,494 0 0	96,243 0 0	99,134 0 0	2,890 0 0	.....
11th October ...	Nalhati ...	27 1	1,543 9 0	1,093 0 0	67,861 0 0	68,413 0 0	552 0 0	.....
11th ditto ...	Patna and Gya ...	57	.....	5,478 0 0	.....	1,16,336 0 0	1,16,336 0 0	.....
	Total ...	417 1	26,088 0 0	32,207 0 0	10,96,641 0 0	14,95,424 0 0	3,98,783 0 0	.....

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

No. 40.

Latest return received.	Name of Railway.	Length open.	RECEIPTS FOR WEEK ENDING		TOTAL RECEIPTS FROM 1ST JANUARY		Total increase in 1879.	Total decrease in 1879.
			5th Oct. 1878.	4th Oct. 1879.	To 5th Oct. 1878.	To 4th Oct. 1879.		
1879.		Miles.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
4th October ...	Northern Bengal ...	230	32,684 0 0	28,811 0 0	6,51,404 0 0	9,19,168 0 0	2,58,764 0 0	.....
4th ditto ...	Tirhoot ...	75	7,308 0 0	19,351 0 0	3,21,123 0 0	3,41,158 0 0	20,035 0 0	.....
1st November ...	Calcutta and South-Eastern ...	28	2,330 0 0	2,273 0 0	98,574 0 0	1,01,407 0 0	2,833 0 0	.....
11th October ...	Naihati ...	27½	1,626 0 0	1,800 0 0	69,487 0 0	70,213 0 0	726 0 0	.....
11th ditto ...	Patna and Gya ...	57	.....	4,895 0 0	.....	1,20,638 0 0	1,20,638 0 0	.....
	Total ...	417½	43,948 0 0	48,140 0 0	11,40,588 0 0	15,43,564 0 0	4,02,976 0 0	.....



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, DECEMBER 3, 1879.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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RESOLUTION ON THE ANNUAL REPORT ON EMIGRATION TO THE COLONIES FOR THE YEAR 1878-79.

Calcutta, the 25th November 1879.

READ—

The report of the Protector of Emigrants for the year 1878-79.

It is satisfactory to observe that the marked increase in colonial emigration which occurred in 1877-78 was in great measure maintained in the past year. The number of emigrants despatched to the colonies fell off, but the decrease may be attributed rather to the fact that the demand of the colonies was not so large as in the previous year, than to any difficulty experienced in securing emigrants in the recruiting districts. In both years the operations of recruiters were facilitated by the prevalence of high prices in the districts in which they were employed, and the number of emigrants who actually left Calcutta for the colonies was in excess of that for which requisitions were received by the Emigration Agents. The demand of the colonies and the number of emigrants despatched during the last three years stand thus:—

			Statute adults required.	Statute adults despatched.	Souls.
1876-77	...	...	12,965	7,138	7,734
1877-78	...	...	15,036	16,032	18,488
1878-79	...	...	13,095	14,224	15,865

Emigration to Fiji was permitted for the first time last year, and 493 emigrants were sent to that colony during the season. Continued attention was given by the Protector to the removal of abuses and the introduction of measures calculated to prevent their recurrence, and the Lieutenant-Governor

has no doubt that his efforts have effected some improvement in the working of the department.

2. Dr. Richards, Embarkation Agent at Goalundo, officiated as Protector of Emigrants throughout the year. Dr. Grant has since resumed charge of the appointment, and the report is submitted by him.

3. The Lieutenant-Governor's views in connection with the amendment of the Colonial Emigration Act VII of 1871, which is at present under consideration, were communicated to the Government of India during the year. An improvement of the existing law is in many respects needed, and it is hoped that the necessary changes will be introduced under the new Act. Amendments of the rules for carrying out the provisions of the law have been approved by the Government of India, but their introduction will now be postponed in view of the proposed change in the law itself. The rules prescribing the shipment of not more than 25 women to every 100 men, during the months of August, September, and October, and of a larger proportion in succeeding months to make up the full complement of 40 women to every 100 men required for the whole season, which were introduced experimentally in 1877-78, were enforced during the past season on all vessels, save those proceeding to the French colonies, in whose favour a special relaxation had been granted. Compliance with these rules has, however, been found a matter of extreme difficulty and inconvenience, and it would appear, from a special report lately received from the Protector, that the object aimed at by the experiment, namely, the reduction of infant mortality on board emigrant ships by restricting to a low proportion the number of women shipped during the monsoon or bad weather months, was not attained during the season. The Government of India has accordingly sanctioned the withdrawal of the rules from the commencement of next season.

4. There were nine agencies in operation during the year, the number being the same as in the previous year. No recruiting for Grenada was carried on, but the place of that agency was filled up by the new agency opened for Fiji. With the exception of the Mauritius depôt, which is at Bhowanipore, the depôts are all situated at Garden Reach, and three of them are on the river-side. Their sites are well chosen, and they are said to afford ample accommodation for large bouies of coolies, and facilities for embarkation. The management of the depôts generally during the year was satisfactory, and the Lieutenant-Governor cordially acknowledges the assistance given by the Emigration Agents to the Protector, in the discharge of his duties.

5. The total number of emigrants admitted into depôt was 18,485 against 22,544 in 1877-78, showing a decrease of 4,059. Admissions fell off from 3,044 to 1,316 in the Mauritius depôt, from 9,668 to 7,263 in the Demerara depôt, from 1,156 to 232 in the Jamaica depôt, from 724 to 263 in the St. Lucia depôt, and from 2,733 to 2,515 in the Guadeloupe depôt. The depôts in which admissions increased were those for Trinidad (from 2,821 to 3,093), Natal (from 1,315 to 2,161), and Surinam (from 504 to 1,045). The number admitted into the Fiji depôt was 597.

6. The mortality in depôt was less than that which occurred in 1877-78, the number of deaths in all the depôts together being 97, and the general death-rate $\cdot 52$ per cent., as compared with 168 deaths and a death-rate of $\cdot 74$ per cent. in 1877-78. The Natal depôt, with a percentage of $\cdot 97$ against $\cdot 15$ in the previous year, shows the highest death-rate. It is explained that this serious increase was caused by an outbreak of cholera, which was, however, promptly checked. The lowest death-rate is returned against the depôts for Trinidad, Jamaica, and St. Lucia. The Trinidad depôt, which shows a mortality of only 11 out of 3,093 admissions, or $\cdot 35$ per cent., was particularly healthy. A very satisfactory improvement is observed in the rate of mortality among children and infants in all the depôts. The percentage of deaths, calculated on the total strength of each group admitted into depôt in the past two years, has been—

					1877-78.	1878-79.
Among the men	...	...	...	...	0.25	0.22
Ditto women	...	...	...	...	0.48	0.33
Ditto children	...	...	...	...	1.68	0.20
Ditto infants	...	...	...	...	3.77	0.31

Cholera, dysentery, and chest-affection carried off the largest number of persons last year, and an outbreak of measles caused 13 deaths in the Demerara depôt. Only one case of small-pox was reported against 18 in 1877-78.

7. Except in the Jamaica, Natal, and Guadeloupe depôts, the average detention in depôt shows a reduction. In the Jamaica depôt the average detention rose from 37 to 62 days, owing, it is stated, to delay in the arrival of the return ship which had been chartered for the double voyage, and difficulty in procuring ballast cargo. The number of emigrants detained was fortunately small, and no fatal outbreak of sickness occurred during their detention, as only one death is returned for the whole season. There were, as usual, some cases of prolonged detention in most of the depôts on account of ill-health or other unavoidable causes.

8. The number of licenses granted during the year was 286 against 375 in 1877-78 and 306 in 1876-77, while the percentage of cancellations was 14.68 against 4.26 in 1877-78 and 3.92 in 1876-77. The large increase of cancellations in the past year was the result of vigorous efforts made by Dr. Richards to check the irregularities of recruiters. Among other irregularities brought to light, it was found that the employment of unlicensed assistants was freely resorted to by licensed recruiters, and that some sub-agents and recruiters habitually removed intending emigrants from their own to other districts for the purpose of registration, with the object, it would seem, of placing them quickly beyond the influence of their relatives and friends, who might object to their emigrating. These practices are distinctly contrary to the law, and all the men found guilty of them were deprived of their licenses. At the instance of this Government, instructions were also issued by the Government of the North-Western Provinces and Oudh to its district officers, to supervise carefully the proceedings of recruiters, so as to check completely the employment of unlicensed recruiters, and to make registration possible only in the districts in which the emigrants are recruited. As a further means of controlling the operations of the agencies, revised forms of the register of emigrants to be kept at each depôt, of the report of arrivals and of the return of casualties, were prepared during the year, and have since been introduced.

9. No change has been made in the terms offered to emigrants by the several colonies. The colony of Fiji, which, as already remarked, started operations for the first time last year, offers wages at the rate of one shilling a day to adult males, and nine pence a day to adult females, above the age of 15 years. Children will receive remuneration according to the amount of work done by them. In all other respects the terms of engagement are identical with those for Trinidad. It was stated in the Resolution on the last report that a representation had been made to the Government of India in regard to a provision of the law of the French colonies, under which the Indian immigrant, though entitled to a return passage under the Convention entered into between the French and British Governments in 1861, might be deprived of his right to such passage in case of criminal or corrective condemnation in the local courts. An assurance has since been given by the French Government that the colonial law will in no case be enforced in contravention of the terms of the Convention, and the Lieutenant-Governor considers this a satisfactory settlement of the question.

10. The total number of statute adults indented for by the colonies, and the number actually despatched during the year, has been stated. The number shipped was larger than the demand in every case, except Natal, to which only 955 men were sent against a demand of 1,000. Return emigrants who re-emigrated were 472 in number, the majority going to Demerara and Trinidad. Demerara took 255, of whom 191 had previously been in the colony, and 91, including 66 old emigrants of the colony, went to Trinidad. Mauritius would seem to stand next in popularity with this class of emigrants, 48 out of 120 of its old emigrants who re-emigrated having gone back to the island.

11. Great discrepancies are again observed between the number of emigrants registered in the recruiting districts, as shown in the returns of the registering officers, and the number admitted into depôt, as reported by the Agents. From the registering officers' returns it appears that 20,117 persons were registered during the year, while the Agents' returns account for only 18,485 persons. The Lieutenant-Governor fears that of the remaining

1,632 persons, not a few were turned adrift by the recruiter, after registration, without adequate provision for their return to their homes. One such case, in which 287 people were thus rejected, was actually brought to the notice of Government during the year. Instructions were issued to all registering officers, in October 1878, to forward to the Protector a copy of every registration under official endorsement, and to furnish him as soon as possible after the close of each month, with a list of all registrations effected during the month. The Government of the North-Western Provinces were requested simultaneously to issue similar instructions to its officers. The Protector's suggestion that that Government should now be addressed to this effect has therefore been anticipated. It is probable that these instructions reached the registering officers too late to produce any material effect on the returns for the past year; but the Lieutenant-Governor hopes that they have since been carefully complied with, and that their good results will be apparent hereafter.

12. Inclusive of 193 remaining from the previous year, the number of emigrants in depôt during the past year was 18,678. Of these, 15,848* were despatched to the colonies, leaving a balance of 2,829, which is accounted for thus—rejected as unfit to labour, 1,168; dependents of those so rejected, 448; unwilling to emigrate, 96; claimed by relatives, 10; desertions, 549; deaths, 97; transferred to other agencies, 165; and remaining in depôt at the close of the year, 296. The percentage of emigrants rejected on the ground of unfitness continues large, and was especially high last year in the agencies for Natal, Surinam, Guadeloupe, and Fiji. The recruits of the Natal agency were, it appears, all examined and passed by the Civil Surgeons of the recruiting districts during the year, and the Surinam and Guadeloupe agencies have also since made arrangements for a similar examination of their recruits. The large number of rejections which the agents are nevertheless compelled to make in Calcutta indicates, however, that the medical examination in the recruiting districts is frequently carried out in the most inefficient manner. The Protector advocates, as an effective means of reducing the chances of rejection in Calcutta, the introduction of a provision in the law rendering medical examination prior to registration compulsory. This question has already been before the Government, and it is now again under discussion.

13. The percentage of recruits who finally declined to emigrate, and of those who were claimed by their relatives, was smaller than in the previous year. Desertions also show a satisfactory falling off, the percentage on the total number of emigrants in depôt being only 2.93, as compared with 4.59 in 1877-78. There was a marked change for the better in the Mauritius agency, and some improvement also took place in the Surinam agency, although the percentage in the latter is still very high. The Lieutenant-Governor is aware that a certain number of desertions, due to causes over which the agencies can exercise no control, are likely to occur every season; but the majority of the desertions of each season are always traceable to malpractices or injudicious selection on the part of recruiters, and it is to the reduction of such cases that the Protector and the Agents should continue to direct their attention. Of the 296 emigrants remaining in depôt at the close of the year, 134 were waiting for a vessel to convey them to Mauritius, seven were orphans maintained by the Natal Government, and the remainder have since been released from their engagements and sent back to their homes.

14. More than the prescribed minimum proportion of 40 women to every 100 men despatched during the season was secured for every colony, and all deficiencies of the previous season were also made up. Altogether 4,202 women and 9,213 men embarked during the year, and the proportion of women to every 100 men was thus 45.60.

15. Of the emigrants of the year, 8,603 were recruited from the North-Western Provinces, 4,266 from Oudh, 2,524 from Behar, 203 from Bengal, 120 from Central India, 58 from Madras and Bombay, 40 from the Punjab, 38 from Native States, and 13 from Orissa. Oudh contributed 100 more than in the previous year, while the number received from Madras and Bombay fell off very largely, apparently on account of the termination of the famine in those provinces. As regards the remaining provinces, allowance being made for the reduced demand of the colonies, the proportion of the emigrants of the season

* The number 15,865 shown in paragraph 1 includes 17 passengers.

contributed by each may be considered to have been the same as in 1877-78. It will be observed that more than one-half of the emigrants came from the North-Western Provinces, more than one-fourth from Oudh, and nearly one-sixth from Behar, and that only 472 emigrants altogether were recruited elsewhere. The recruits from Bengal were, as usual, few in number. Of the total number of emigrants, 2,179 were Mussulmans and 13,686 Hindoos, and, of the latter, 1,450 were returned as Brahmins, 5,296 as agriculturists, 595 as artizans, and 6,345 as belonging to low castes.

16. One steamer and 32 sailing vessels were engaged in the conveyance of emigrants during the year, against one steamer and 37 sailing vessels in 1877-78, and the average number of emigrants carried by each vessel was 444 against 486 in 1877-78. With one exception, complete information has been received in regard to all the voyages. The death-rate was, on the whole, less than in the previous season. The highest percentage (4.46), which occurred on board the *Plassey*, is ascribed to an outbreak of measles. Cholera made its appearance on three vessels, causing 15 deaths in all. The disease was most fatal on the *Leonidas*, on which nine deaths occurred among 18 emigrants attacked. The voyages appear to have been made in good time, except in the cases of the *Jorwar* (111 days to Guadeloupe) and the *Lightning* and the *Sylhet* (111 days and 108 days respectively to Demerara). In all other cases the voyage to Guadeloupe and Demerara occupied less than 100 days. The steamer employed during the year was despatched with 709 emigrants to Surinam, and accomplished the voyage in 66 days.

17. The number of emigrants who returned from the colonies during the year, the amount of their acknowledged savings, and the mortality during the voyage, are shown in the following statement—

COLONIES.	Number of ships.	Number of souls.	MORTALITY.		SAVINGS.	
			Deaths.	Per cent.	Aggregate amount.	Average amount.
					Rs. A. P.	Rs. A. P.
Mauritius	4	1,402	13	0.92	2,57,567 0 0	162 5 0
Demerara	3	1,599	38	2.37	3,88,919 15 10	243 3 11
Jamaica	1	227	11	4.82	25,217 0 0	111 1 4
Natal	1	36	4	11.11	123 2 0	3 6 8
Total	9	3,264	66	2.03	6,51,857 1 10	199 11 4

In 1877-78 the number of return emigrants was 2,544, the aggregate savings amounted to Rs. 4,72,927, and the average savings to Rs. 185-14-4. The very high percentage of mortality shown against the vessel which brought back the Natal emigrants last year is accounted for by the small number of passengers on board, the number of deaths having been four only. Looking, however, to the very sickly condition of the emigrants, as separately reported, the Lieutenant-Governor thinks it a matter for regret that no medical officer was provided for the vessel.

By order of the Lieutenant-Governor of Bengal,

H. J. REYNOLDS,

Secretary to the Government of Bengal.

The following Statement shows the Quantities of the principal Staples of Traffic imported into Calcutta from the interior during the month of September 1879.

IMPORTS INTO CALCUTTA.

Whence imported.	FOOD-GRAINS.							FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.	
	RICE AND PADDY.			Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny bags.	Linseed.	Mustard seed.				Refined.	Unrefined.
	Rice.	* Paddy.	Total (in rice).													
BENGAL.																
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Burdwan	68,069	18,810	74,825	.....	216	1,352	76,393	.....	.....	1,008	1	229	.....	.....	162	8
Beerbhoom	90,681	.....	90,681	.....	.....	605	91,286	.....	.....	53,682	.....	.....	.....	.....	.....	2
Midnapore	64,918	36,433	77,689	.....	.....	.....	77,689	.....	1,161	.....	.....	.....	.....	.....	434	351
Hooghly	34,308	2,630	35,939	18,869	4,999	1,391	61,248	31,488	488,787	.....	4,526	.....	.....	.....	86	4,781
24-Pergunnahs	1,06,112	20,393	1,26,505	42	132	1	1,21,633	23,410	382,617	.....	.....	.....	.....	.....	323	7,479
Nuddea	1,653	.....	1,653	7,478	12,003	2,147	23,281	41,382	875	4,491	218	218	73	1,294	5,663	20,637
Jessore	510	10	516	.....	150	.....	666	802	125	.....	.....	.....	.....	.....	670	2,137
Moorshedabad	32,812	.....	32,812	2,510	2,153	283	37,758	.....	.....	1,964	.....	.....	.....	.....	85	17,330
Dinapore	54,559	225	54,790	.....	.....	.....	54,790	21,303	906,385	.....	.....	.....	.....	.....	.....	40
Rashahye	2,111	.....	2,111	.....	1,401	.....	3,512	60,268	225	733	.....	.....	.....	.....	.....	.....
Rungpore	.....	.....	.....	.....	.....	.....	.....	34,475	10,025	.....	.....	.....	.....	.....	.....	.....
Borra	3,958	.....	3,958	.....	.....	.....	3,958	113	73	.....	.....	.....	.....	.....	.....	.....
Pubna	.....	.....	.....	.....	460	.....	460	4,16,318	191,190	254	34	.....	.....	.....	.....	.....
Jalpigoree	540	.....	540	.....	.....	.....	540	1,236	325	.....	.....	13,680	.....	.....	.....	.....
Dacca	2,075	.....	2,075	.....	.....	.....	2,075	1,73,251	1,401	350	.....	.....	.....	.....	.....	.....
Furzedpore	2,983	.....	2,983	.....	451	.....	3,434	4,61,205	1,985	20	375	.....	.....	.....	.....	.....
Backergunge	94,911	.....	94,911	.....	.....	.....	94,911	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mymensingh	.....	.....	.....	.....	.....	.....	.....	17,270	.....	.....	.....	.....	.....	.....	.....	.....
Chittagong	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,156	200	.....	.....	.....
Noakholy	1,425	.....	1,425	.....	.....	.....	1,425	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of Bengal	5,47,725	78,561	5,96,826	28,899	21,963	6,779	6,53,469	12,90,554	1,984,216	62,502	5,154	15,784	2,606	2,615	11,362	50,382
BEHAR.																
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Patna	14,285	.....	14,285	70,435	56,336	11,873	1,52,929	.....	.....	1,34,790	20,057	.....	.....	.....	70	533
Shahabad	1,056	.....	1,056	4,456	1,433	400	7,345	.....	.....	529	877	.....	4	.....	134	118
Mozufferpore	.....	.....	.....	.....	1,966	.....	1,966	.....	.....	22,152	3,862	.....	.....	.....	.....	.....
Durbhunga	.....	.....	.....	.....	.....	.....	.....	.....	.....	57,214	9,259	.....	.....	.....	.....	.....
Saran	.....	.....	.....	19,797	12,637	1,077	33,511	.....	.....	55,003	15,283	.....	.....	.....	286	.....
Monghyr	545	420	807	41,978	32,384	1,368	76,637	.....	.....	30,935	17,748	.....	8	.....	686	.....
Bhagulpore	5,839	.....	5,839	65,826	8,853	3,750	84,288	.....	.....	33,388	6,032	.....	.....	.....	.....	.....
Purneah	450	.....	450	1,787	.....	982	3,219	.....	.....	5,064	4,147	1,125	.....	.....	.....	.....
Maldah	2,312	.....	2,312	5,249	.....	.....	7,561	1,201	.....	267	.....	.....	.....	.....	.....	.....
Sonthal Pergunnahs	3,707	.....	3,707	3,526	.....	445	7,678	.....	.....	.....	250	.....	.....	23	.....	.....
Total of Behar	28,214	420	28,476	2,13,054	1,13,009	19,895	3,75,034	1,291	.....	3,37,342	77,515	1,125	12	23	1,176	641
ORISSA.																
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Cuttack	11,021	3,784	13,386	.....	696	.....	14,082	.....	.....	.....	.....	.....	.....	.....	.....	.....
Balasore	18,452	22,594	32,573	.....	.....	.....	32,573	.....	.....	48	.....	.....	.....	.....	.....	.....
Total of Orissa	29,473	26,378	45,959	.....	696	.....	46,655	.....	.....	48	.....	.....	.....	.....	.....	.....
CHOTA NAGPORE.																
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Hazaribagh	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	89	.....	.....	.....	.....
Manbhoom	9,894	.....	9,894	.....	45	256	10,195	.....	.....	7	.....	181	.....	.....	.....	.....
Total of Chota Nagpore	9,894	.....	9,894	.....	45	256	10,195	.....	.....	7	.....	270	.....	.....	.....	.....
Grand total of supplies from the Provinces under the Lieutenant-Governor of Bengal.	6,15,306	1,05,359	6,81,155	2,41,953	1,36,315	25,930	10,85,353	12,91,845	1,984,216	3,99,899	82,669	17,179	2,618	2,637	12,538	51,023
OTHER PROVINCES.																
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Assam	.....	.....	.....	.....	.....	.....	.....	.....	415	.....	.....	50,966	.....	.....	.....	.....
North-Western Provinces	266	.....	266	1,94,328	39,549	1,852	2,35,995	.....	.....	66,640	66,513	246	21,488	8	19,136	20
Punjab	2	.....	2	31,407	9,352	.....	40,761	.....	.....	.....	4,101	26	1,371	.....	.....	.....
Rajpootana States	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bombay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	9,740	.....	.....	.....
Madras	38	.....	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,115	.....	1,162	.....
British Burmah	.....	.....	.....	.....	4,757	.....	4,757	.....	.....	.....	.....	64	.....	.....	.....	.....
Other places	.....	.....	.....	754	.....	.....	754	.....	.....	612	.....	.....	1,548	234	20	.....
Grand total of 1879	6,15,612	1,05,359	6,81,461	4,68,442	1,89,073	27,782	13,07,658	12,91,845	1,985,243	4,63,539	1,53,373	68,482	39,340	2,879	32,856	51,043
Imports in Sept. 1878	7,52,978	92,276	8,10,651	2,00,507	1,48,726	26,127	12,41,911	16,53,924	1,179,084	5,67,795	2,05,781	52,388	54,220	3,086	18,464	47,252

* One maund of paddy is equivalent to 25 seers of rice.

† Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of September 1879 was as follows:—

EXPORTED FROM CALCUTTA—	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
To Indian Ports, viz.—																
Bombay	58,415	69	58,458	679	1,595	.....	60,732	426	762,500	.....	.....	30	.....	.....	15,928	.....
Madras	.....	.....	.....	5,841	23,610	.....	29,451	244	10,200	.....	.....	.....	.....	.....	444	3
Other ports in Madras	.....	.....	.....	389	4,422	.....	4,811	.....	135,752	.....	.....	1	.....	.....	5	77
British Burmah	65	.....	65	2,876	2,707	.....	5,648	.....	390,900	.....	23	9	.....	.....	10	2,754
Other Indian ports	.....	.....	.....	38	.....	.....	38	.....	244,144	.....	200	1	.....	.....	7	124
Pondicherry	.....	.....	.....	99	150	.....	249	.....	20,000	.....	.....	.....	.....	.....	.....	.....
Total of interportal trade	58,480	69	58,523	9,884	39,529	.....	1,00,929	670	1,563,496	.....	223	41	.....	.....	466	18,896
To Foreign Ports—																
United Kingdom	39,591	.....	39,591	3,34,806	998	.....	3,75,395	5,81,525	547,656	5,04,626	36,441	67,560	1,843	474	5,249	.....
Other foreign ports	3,46,545	4	3,46,550	11,499	51,679	9,207	4,18,835	2,22,295	6,857,885	41,394	169	89	34,842	746	1,625	3
Total of foreign trade	3,86,139	4	3,86,141	3,46,305	52,577	9,207	7,94,230	8,03,820	7,405,541	5,45,930	36,610	67,649	36,685	1,220	4,874	3
Grand total of 1879	4,44,610	73	4,44,664	3,56,189	85,099	9,207	8,95,159	8,04,490	8,969,037	5,45,930	36,833	67,690	36,685	1,686	23,760	99
Exports in Sept. 1878	1,81,590	.....	1,81,590	61,742	23,491	2,554	2,58,377	1,44,587	1,734,348	1,45,495	26,896	10,789	14,752	419	3,947	59

The following Statement shows the several Routes followed by the Trade in the principal Staples of Traffic imported into Calcutta during the month of September 1879.

IMPORTS INTO CALCUTTA.

Specification of routes.	FOOD-GRAINS.					FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny bags.	Linseed.	Mustard seed.				Refined.	Unrefined.
By country boats ...	Mds. 3,50,986	Mds. 69,421	Mds. 2,00,543	Mds. 1,20,988	Mds. 13,977	Mds. 4,54,489	No. 1,773,756	Mds. 3,71,843	Mds. 91,701	Mds. 8,320	Mds. 464	Mds. 29,972	Mds. 47,741	Mds. 47,741
" river steamers ...	...	...	...	...	...	1,62,514	689	...	...	...	...	...	...	...
" rail { East Indian ...	1,95,392	...	2,07,857	61,031	13,804	...	...	...	...	47,820	...	...	...	...
" Eastern Bengal ...	18,021	...	...	2,470	...	6,52,496	205,001	93,727	61,038	1,807	19,007	861	291	681
" road ...	32,124	9,560	42	31	1	22,346	...	1,121	34	17,545	...	1,264	...	1,977
" sea ...	24,079	26,378	...	5,453	...	...	612	...	...	...	98	56	...	664
Grand total of Imports in September ... { 1879 ...	6,15,612	1,05,369	4,68,442	1,80,973	27,782	12,91,845	1,985,243	4,66,539	1,53,373	68,482	39,340	2,879	32,856	51,043
" { 1878 ...	7,52,978	92,276	2,55,507	1,48,726	26,127	16,53,924	1,179,084	5,67,795	2,03,781	52,388	54,220	3,086	18,464	47,252

The following Statement shows the Quantities, Values, and Numbers of the principal Staples of Traffic exported inland from Calcutta during the month of September 1879.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods (European).	Cotton twist (European).	Salt.	Gunny-bags.	Whither exported.	Cotton piece-goods (European).	Cotton twist (European).	Salt.	Gunny-bags.
BENGAL.					CHOTA NAGPORE.				
Burdwan ...	Rs. 2,84,900	Mds. 1,167	Mds. 33,202	No. 32,540	Hazaribagh ...	Rs. 34,400	Mds. 44	Mds. 3,806	No. 280
Beerbhoom ...	2,06,880	512	16,738	48,476	Manbhoom ...	95,800	417	5,079	4,025
Midnapore ...	4,625	1,268	124	11,574	Total of Chota Nagpore ...	1,33,200	461	8,895	4,305
Hooghly ...	53,342	636	4,835	58,800	Grand total of supplies into the provinces under the Lieutenant-Governor of Bengal. }	76,19,305	18,311	4,91,560	1,128,141
24-Pergunnahs ...	1,29,723	658	17,262	378,158	OTHER PROVINCES.				
" ...	6,21,056	1,732	11,467	10,765	Assam ...	5,34,231	162	24,200	...
" ...	24,428	441	27,795	...	N.-W. Provinces ...	14,15,200	2,162	7,813	277,680
" ...	3,66,980	227	20,477	17,200	Punjab ...	12,93,280	1,555	...	91,315
" ...	3,12,320	97	1,920	...	Central Provinces ...	60,640	262	...	7,315
" ...	4,80,040	87	3,825	750	Rajpootana States ...	40,640	81	...	...
" ...	4,08,685	148	2,700	...	Nizam's Territory ...	960	...	...	...
" ...	54,960	11	...	...	Bombay ...	22,216	42	...	762,920
" ...	4,11,920	714	69,831	9,500	Madras ...	34,171	596	...	145,952
" ...	4,18,590	345	4,450	...	British Burmah ...	1,76,787	2,382	...	390,960
" ...	8,46,366	2,590	52,922	250	Pondicherry ...	...	...	...	20,000
" ...	8,78,879	1,739	28,659	364	Other places ...	1,16,257	210	5,070	7,405,926
" ...	2,75,144	1,264	27,801	...	Grand total of Exports { 1879 ...	1,13,13,087	25,763	6,28,643	10,230,149
" ...	34,558	102	18,350	62,494	" { 1878 ...	1,34,45,559	22,163	4,90,098	2,516,436
" ...	1,50,605	187	2,915	...	The Sea-borne Trade of Calcutta in these staples during the month of September 1879 was as follows:—				
" ...	9,500	145	4,450	...	IMPORTED INTO CALCUTTA—				
Total of Bengal ...	55,41,465	14,070	3,40,723	630,879	From Foreign Ports—	Rs. *	Mds.	Mds.	No.
BEHAR.					United Kingdom ...	1,13,19,935	19,482	6,87,500	12,000
Patna ...	7,11,360	332	49,604	174,745	Other foreign ports ...	53,161	295	65,977	612
Shahabad ...	1,06,980	88	12,677	9,205	Total of foreign trade ...	1,13,75,096	19,777	7,53,477	...
Muzafferpore ...	81,680	...	7,491	4,140	From Indian Ports—	...	...	...	...
Durbhanga ...	1,53,360	639	14,535	17,086	Bombay ...	5,440	...	64,758	...
Sarun ...	...	...	10,075	22,950	Other ports in Madras ...	42	...	...	...
Mounghyr ...	70,560	186	6,499	43,795	British Burmah ...	579	...	...	...
Bhagulpore ...	1,15,040	178	19,932	17,577	Total of interport trade ...	6,052	...	61,758	...
Purneah ...	1,76,160	241	3,650	2,740	Grand total of Imports { 1879 ...	1,13,79,148	19,777	8,18,235	612
Malda ...	...	...	7,850	...	" { 1878 ...	35,10,299	5,260	8,27,472	58,184
Sonthal Pergunnahs ...	4,96,080	215	9,639	10,075	The following Statement shows the several Routes followed by the Trade in the principal Staples of Traffic exported from Calcutta during the month of September 1879.				
Total of Behar ...	19,10,320	1,879	1,41,952	311,307	SPECIFICATION OF ROUTES.				
ORISSA.						Cotton piece-goods (European).	Cotton twist (European).	Salt.	Gunny-bags.
Cuttack ...	31,320	1,401	...	138,400		Rs.	Mds.	Mds.	No.
Pooree ...	...	...	...	6,250	By country boats ...	1,72,886	5,033	3,30,130	607,594
Balasore ...	3,000	500	...	37,000	" river steamers ...	7,79,094	683	7,700	...
Total of Orissa ...	34,320	1,901	...	181,650	" rail { East Indian ...	58,41,520	8,511	1,55,537	652,610
					" Eastern Bengal ...	39,69,060	5,666	29,283	...
					" road ...	1,44,211	782	5,993	905
					" sea ...	4,06,916	5,088	...	8,969,937
					Grand total of Exports in September ... { 1879 ...	1,13,13,087	25,763	6,28,643	10,230,149
					" { 1878 ...	1,34,45,559	22,163	4,90,098	2,516,436

* As per tariff declaration value.

STATISTICAL DEPARTMENT,
The 1st December 1879.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 29th November 1879.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL			
<i>Western Districts.</i>			
BURDWAN DIVN.	1 Burdwan, Nov. 29 '79	Nil	Weather—seasonable. Rice everywhere being cut and seems a fair crop. <i>Rubbee</i> generally good. Sugarcane an average crop. Public health good.
	2 Bankoora, „ 29 „	Nil	Weather—windy and cooler since last week. <i>Amun</i> ripening fast and reaping commenced in places. <i>Rubbee</i> germinating and young plants promising well in parts. Harvesting of early <i>amun</i> nearly completed, average outturn estimated at 8 to 12 annas. Public health good, except some cases of cholera and small-pox in Bishenpore sub-division.
	3 Beerbhoom, „ 29 „	Nil	Weather—seasonable. Condition of rice continues good.
	4 Midnapore, „ 29 „	Nil	Weather—unusually cold for the time of year. State and prospects of crops generally favourable.
	5 Hooghly, „ 29 „	Nil	Weather—cool and dry. <i>Amun</i> being cut. Winter crops doing well. Fever and small-pox prevalent in a few villages.
	Howrah Dec. 1 „	Nil	Weather—seasonable. Warmer last two days. State and prospects of crops good.
<i>Central Districts.</i>			
PRESIDENCY DIVN.	6 24-Pergunnahs, Nov. 29 '79	Nil	Weather—cold and seasonable. Prospects of <i>amun</i> and winter crops good. <i>Amun</i> harvesting commenced. Cases of ordinary fever reported from many parts of district.
	7 Nuddea, „ 29 „	Nil	Weather—cool and seasonable. <i>Amun</i> being harvested. Winter crops doing well, but rain wanted to improve them.
	8 Jessore, „ 29 „	Nil	Weather—cold and seasonable. Prospects both of <i>amun</i> and <i>rubbee</i> crops good. <i>Amun</i> being reaped in some places. Fever still prevalent. A few cases of cholera and cattle disease reported in Magoorah.
	9 Moorshedabad, „ 29 „	Nil	Weather—cold. <i>Amun</i> paddy being reaped. Sowing of <i>rubbee</i> crops almost over. Isolated cases of fever, otherwise public health good.
RAJSHAHY AND COCH BEHAR DIVN.	10 Dinagore, Nov. 28 '79	Nil	Weather—fair and cold. Winter rice being harvested; outturn expected to be full sixteen annas. Price of ordinary rice has fallen to 18 seers per rupee. <i>Rubbee</i> sowings nearly completed. Sporadic cases of cholera still in interior.
	11 Rajshahye, „ 28 „	Nil	Weather—continues fine. Harvesting and sowing operations progressing.
	12 Rungpore, „ 28 „	Nil	Weather—seasonable. State and prospects of crops continue to be satisfactory. Ordinary types of fever somewhat prevalent.
	13 Bogra „ 29 „	Nil	Weather—seasonable. Harvesting of <i>amun</i> crop commenced. Pulses, mustard, and sugarcane look promising. Cholera prevalent in Khetlal, Madhupur, and Shibgunge.
	14 Pubna, „ 29 „	Nil	Weather—fine and cold. <i>Amun</i> being reaped. Prospects of other crops good. Cholera still prevails in some part of Serajgunge sub-division.
	15 Darjeeling, „ 29 „	Nil	Clearsunshine, but very cold and heavy frost at night. In <i>Terai</i> cutting of <i>haimanti</i> rice commenced; mustard and <i>kalai</i> looking good. In Hills <i>tura dhan</i> and <i>phaphur</i> being cut; barley, wheat, mustard and peas on the ground, and prospects favourable.
	16 Julpigoree, „ 29 „	Nil	Weather—cloudy and warm, with east wind. Prospects excellent everywhere. <i>Rubbee</i> sowings completed. Jute backward. Prices falling. General health good.
	Cooch Behar, „ 27 „	Nil	Weather—fair and seasonable. Mornings sometimes foggy. Good accounts from all quarters of rice crop now commencing to be harvested. Cold-weather crops also promising. Public health good.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(Continued.)			
<i>Eastern Districts.</i>			
DACCA DIVN.	17 Dacca, Nov. 29 '79	Nil	Weather—fine, clear and cool. All prospects favourable. Public health good.
	18 Furreedpore, „ 29 „	Nil	Weather—seasonable. State of crops good in every way. Cholera prevails to some extent.
	19 Backergunge, „ 27 „	Nil	Weather—fine and seasonably cold. <i>Amun</i> harvest commenced, and prospects everywhere excellent.
	20 Mymensingh, „ 28 „	Nil	Weather—clear. Mornings and evenings cold. Prospects of crops very favourable.
	21 Tipperah, „ 28 „	Nil	Weather—fair. Reaping of <i>amun</i> commenced in many places. Prospects continue good.
CHITTAGONG DIVN.	22 Chittagong, Dec. 2 '79	Nil	Weather—fine. Rice crop generally good <i>Amun</i> being harvested. Severe outbreak of cholera in cyclone tracts.
	23 Noakholly, Nov. 27 „	Nil	Weather—cool and seasonable. Early paddy being reaped; others looking well. Winter crops being sown. Fever prevailing in town.
	24 Chittagong Hill Tracts, „ 25 „	Nil	Nights and mornings chilly. Harvesting of joom paddy over; a twelve-anna outturn obtained throughout district. Mustard being sown.
	Hill Tipperah, „ 26 „	Nil	Weather—dry and cold. State and prospects of crops continue good. <i>Amun</i> being reaped. Public health generally good.
BEHAR.			
PATNA DIVN.	25 Patna, Nov. 29 '79	Nil	Weather—cold and seasonable. State and prospects of crops very good.
	26 Gya, „ 29 „	Nil	Weather—fair and cool. Maximum reading in shade 80·5°. <i>Aghani dhan</i> ready. Prospects of <i>rubbee</i> crops favourable. Fever reported from Aurungabad sub-division. Health of plough-cattle good.
	27 Shahabad, „ 29 „	Nil	Weather—cloudy, with east wind. <i>Aghani</i> rice, which promises an excellent outturn, being harvested in places, and so are <i>janera</i> and <i>bajra</i> . Some apprehensions felt for standing <i>rubbee</i> by gathering of clouds. Public health good.
	28 Durbhunga, „ 29 „	Nil	Weather—cool and seasonable. <i>Dhan</i> promises well. <i>Rubbee</i> sowings continuing. <i>Kartika</i> crop cut and brought into market. Prices stationary. Public health good.
	29 Mozufferpore, „ 29 „	Nil	Weather—seasonable and cold. <i>Aghani</i> being harvested with good outturn. Potatoes being still sown. <i>Rubbee</i> sowings germinating well. Prospects good in every respect.
	30 Sarun, „ 29 „	Nil	Weather—cool and seasonable, west wind prevailing. Prospects of <i>aghani</i> rice fair. <i>Rubbee</i> crops thriving well. Prices stationary. Public health good.
BHAGULPORE DIVISION.	31 Champaran, „ 29 „	Nil	Weather—fair and calm. Windy. Crops all very good. <i>Kartika</i> rice ripe and being harvested.
	32 Monghyr, Nov. 29 '79	Nil	Weather—cold and clear. Prospects of crops very promising. Moisture good.
	33 Bhagulpore, „ 29 „	Nil	Weather—fine, cold and windy. Paddy being reaped. Prospects and public health good.
	34 Purneah, „ 29 „	Nil	Weather—seasonable. Strong westerly winds still continue. Reaping of <i>aghani</i> crop going on. <i>Rubbee</i> prospects very good.
	35 Maidah, „ 29 „	Nil	Cold weather set in with a north-westerly breeze. Winter rice, <i>kalai</i> , and other crops promise well. Change of wind has improved health, but cases of fever and cholera still occur.
	36 Sonthal Pergah, „ 29 „	Nil	Weather—much colder. <i>Dhan</i> being reaped with good outturn. Prospects of cold-weather crops good.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
ORISSA.			
ORISSA DIVN.	37 Cuttack, Nov. 29 '79	Nil	Weather—very cool. Rain much wanted for winter crops. Rice on unirrigated high lands damaged partially for want of rain. <i>Sarud</i> being cut in Kendrapara. Fever still bad in Cuttack and Jajpore. A few small-pox cases in Cuttack. Health fair in Kendrapara. common rice $18\frac{5}{8}$ to 21 seers per rupee.
	38 Pooree, ...	.....	Report not received.
	39 Balasore, „ 28 „	Nil	Weather—cold and fine. Rain wanted for crops on higher lands. Public health in south still unsatisfactory.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
40	Hazareebagh, Nov. 28 '79	Nil	Weather—seasonable. Prospects of crops satisfactory. General health good.
41	Lohardugga, „ 29 „	Nil	Weather—very cold. Nights frosty. <i>Dhan</i> nearly all cut; outturn almost everywhere a bumper one. <i>Rubbee</i> looks well and promising. Health good.
42	Singbhoom, „ 28 „	Nil	Weather—seasonable. States and prospect of crops favourable. Winter crops doing well.
43	Manbhoom, „ 29 „	Nil	Weather—fair, clear and cold. Harvesting progressing. Outturn good. <i>Rubbee</i> prospects very good.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 2nd December 1879.A. MACKENZIE,
Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

Weekly Report of Rainfall.								
DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 9th to 15th Nov. 1879.	Rain from 16th to 22nd Nov. 1879.	RAIN FROM 1st JANUARY 1879.		REMARKS.	
					Inches.	Up to date.		
BENGAL.								
BURDWAN.	WESTERN DISTRICTS.		Inches.	Inches.	1879.			
	Burdwan	Burdwan	Nil.	Nil.	40.91	22nd Nov.	From 30th August.	
		Cutwa	ditto	ditto	44.96	ditto		
		Culna	ditto	ditto	51.58	ditto		
		Raneegunge	ditto	ditto	39.27	ditto		
	Bankoora	Bankoora	ditto	ditto	47.89	ditto		
		Bishenpore	ditto	ditto	13.91	ditto		
	Beerbhoom	Sooree	ditto	ditto	48.90	ditto		
		Hetampore	ditto	ditto	51.53	ditto		
		Roypur	ditto	ditto	35.29	ditto		
		Rampore Haut	ditto	ditto	50.08	ditto		
	Midnapore	Midnapore	ditto	ditto	38.75	ditto	Not received 9th to 15th Nov.	
		Tumlook	Not recd.	ditto	33.85	ditto		
		Ghattal	Nil.	ditto	34.51	ditto		
		Contai...	{ Dy. Collr.'s Office... Exe. Engr.'s Office	ditto	47.57	ditto		
	Hooghly	Hooghly	ditto	ditto	41.24	ditto		
		Serampore	ditto	ditto	41.70	ditto		
		Jehanabad	ditto	ditto	50.15	ditto		
	Howrah	Howrah	ditto	ditto	42.65	ditto		
		Maheshraka	ditto	ditto	34.24	ditto		
PRESIDENCY.	CENTRAL DISTRICTS.							
	24-Pergunnahs	Saugor Island	ditto	ditto	48.72	ditto		
		Alipore	{ Observatory	ditto	ditto	40.12		ditto
			{ Dispensary	ditto	ditto	44.33		ditto
			{ Jail	ditto	ditto	44.25		ditto
		Busseerhat	ditto	ditto	45.94	ditto		
		Baraset	ditto	ditto	43.78	ditto		
		Diamond Harbour	ditto	ditto	43.93	ditto		
		Barripore	ditto	ditto	46.45	ditto		
		Satkhira	ditto	ditto	44.37	ditto		
		Barrackpore	ditto	ditto	42.39	ditto		
	Nuddea	Dum-Dum	ditto	ditto	48.24	ditto		
		Kishnaghur	ditto	ditto	54.45	ditto		
		Bougong	ditto	ditto	46.99	ditto		
		Meherpore	ditto	ditto	59.86	ditto		
		Chooadanga	ditto	ditto	77.63	ditto		
		Kooshtea	ditto	ditto	60.07	ditto		
		Ranaghat	ditto	ditto	53.39	ditto		
		Jessore	ditto	ditto	56.27	ditto		
		Narail	ditto	ditto	42.30	ditto		
Jessore		Khoolna	ditto	ditto	56.19	ditto		
	Jhenidah	ditto	ditto	63.18	ditto			
	Bagirhat	ditto	ditto	43.84	ditto			
	Magoorah	ditto	ditto	56.10	ditto			
	Berhampore	ditto	ditto	62.20	ditto			
	Lalbagh	ditto	ditto	59.79	ditto			
	Jungypore	ditto	ditto	60.81	ditto			
	Azimungunge	ditto	ditto	54.01	ditto			
	Lalgolla	ditto	ditto	63.46	ditto			
	Kandee	ditto	ditto	61.87	ditto			
Dinagepore	Dinagepore	ditto	ditto	86.89	ditto	From 9th March, and not received 5th to 11th Oct.		
	Raigunge	ditto	ditto	62.84	ditto			
	Mohadebpore	ditto	ditto	91.76	ditto			
	Choeramoni	ditto	ditto	79.96	ditto			
Maldah	Maldah	ditto	ditto	71.58	ditto			
	Chanchal	ditto	ditto	75.41	ditto			
Rajshahye	Bauleah	ditto	ditto	80.70	ditto			
	Nattore	ditto	ditto	66.48	ditto			
Rangpore	Rangpore	ditto	ditto	108.98	ditto			
	Bhabanigunge	ditto	ditto	79.54	ditto			
	Kurigram	ditto	ditto	87.03	ditto			
	Bagdogra	ditto	ditto	126.74	ditto			
Bogra	Bogra	ditto	ditto	71.79	ditto			
	Sherpur	ditto	ditto	80.63	ditto			
	Nowkhilla	ditto	ditto	64.15	ditto			
	Panchbibi	ditto	ditto	78.45	ditto			
COCH BHAM.	Pubna	Pubna	ditto	ditto	54.52	ditto		
		Serajungunge	ditto	ditto	70.27	ditto		
		Darjeeling	{ Telegraph Office	ditto	ditto	152.67		ditto
			{ Hospital	ditto	ditto	160.69		ditto
	Julpigoree	Julpigoree	ditto	ditto	135.44	ditto	Not received 26th Oct. to 8th Nov.	
		Bodah	ditto	ditto	129.51	ditto		
		Buxa	ditto	ditto	221.68	ditto		
		Titulya	ditto	ditto	132.83	ditto		
		Gnabor	Not recd.	Not recd.	83.18	25th Oct.		
		Dangua Jhar	ditto	ditto	103.35	18th Oct.		
	Bamundanga	Bamundanga	ditto	ditto	101.78	25th Oct.	From 15th June. Ditto, not received 26th Sept. to 4th Oct.	
		Phoolbary	ditto	ditto	127.73	ditto		

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 9th to 15th Nov. 1879.	Rain from 16th to 22nd Nov. 1879.	RAIN FROM 1st JANUARY 1879.		REMARKS.
					Inches.	Up to date.	
BENGAL—continued.							
Dacca.	CENTRAL DISTRICTS.—contd.		Inches.	Inches.	1879.		
	Cooch Behar Tributary States	Cooch Behar ...	Nil.	Nil.	142.94	22nd Nov.	
		Dinhatia ...	ditto	ditto	125.82	ditto	
		Mathabhanga ...	ditto	ditto	140.35	ditto	
		Mickligunge ...	ditto	ditto	133.66	ditto	
	Eastern Districts.						
	Dacca	Dacca... { Telegraph Office ...	ditto	ditto	60.66	ditto	
		{ Hospital ...	ditto	ditto	73.90	ditto	
		Moonsheegunge ...	ditto	ditto	88.72	ditto	
		Manickgunge ...	ditto	ditto	60.03	ditto	
	Furreedpore	Furreedpore ...	ditto	ditto	64.73	ditto	
		Goalundo ...	ditto	ditto	63.29	ditto ...	Not recd. 9th to 15th Oct.
		Madaripore ...	ditto	ditto	41.91	ditto ...	Ditto ditto,
	Backergunge	Burrisal ...	ditto	ditto	55.28	ditto	
		Perozepore ...	ditto	ditto	65.95	ditto	
		Patoankhally ...	ditto	ditto	83.89	ditto	
		Bhola ...	ditto	ditto	85.02	ditto	
	Mymensingh	Mymensingh ...	ditto	ditto	80.53	ditto	
		Jamulpore ...	ditto	ditto	94.07	ditto	
		Atia ...	ditto	ditto	51.38	ditto	
		Kishoregunge ...	ditto	ditto	84.88	ditto	
	Chittagong	Chittagong { Telegraph Office	ditto	ditto	102.44	ditto	
		{ Jail	ditto	ditto	94.30	ditto	
		Cox's Bazar ...	ditto	Not recd.	154.70	15th Nov.	
CHITTAGONG.	Noakholly	Noakholly ...	ditto	Nil.	115.20	22nd Nov.	
		Fenny ...	ditto	ditto	125.39	ditto	
	Tipperah	Commillah ...	ditto	ditto	79.45	ditto	
		Chandpore ...	ditto	ditto	78.60	ditto	
		Brahmunbariah ...	ditto	ditto	70.91	ditto	
	Chittagong Tracts.	Rungamatee Hill... ..	ditto	ditto	96.73	ditto	
		Ruma ...	ditto	ditto	108.34	ditto	
	Hill Tipperah	Agartola ...	ditto	ditto	75.04	ditto	
BEHAR.							
PATNA.	Patna	Patna ...	ditto	ditto	44.73	ditto	
		Behar ...	ditto	ditto	42.84	ditto	
		Barh ...	ditto	ditto	53.16	ditto	
		Dinapore ...	ditto	ditto	42.34	ditto	
	Gya	Gya ...	ditto	ditto	44.51	ditto	
		Nowadah ...	ditto	ditto	20.67	ditto	
		Aurangabad ...	ditto	ditto	58.91	ditto	
		Jehanabad ...	ditto	Not recd.	47.23	15th Nov.	
	Shahabad	Arrah ...	ditto	Nil.	40.87	22nd Nov.	
		Sasseram ...	ditto	ditto	62.60	ditto	
		Buxar ...	ditto	ditto	51.73	ditto	
		Dhuboah ...	ditto	ditto	57.27	ditto	
	Mozufferpore	Mozufferpore ...	0.09	ditto	60.39	ditto	
		Hajeeopore ...	Nil.	ditto	43.47	ditto	
		Seetamurhee ...	ditto	ditto	66.05	ditto	
	Durbhunga	Durbhunga ...	ditto	Not recd.	62.97	15th Nov.	
		Mudhoobannee ...	ditto	ditto	63.85	ditto	
		Tajpore ...	ditto	ditto	63.66	ditto ...	Ditto 12th to 18th Oct.
	Saran	Chupra ...	ditto	Nil.	49.60	22nd Nov.	
		Sewna ...	ditto	ditto	51.62	ditto	
		Gopalgunge ...	ditto	ditto	55.77	ditto ...	Not recorded from 20th April to 24th May.
	Chumparun	Motiharee ...	ditto	ditto	55.70	ditto	
		Bettiah ...	ditto	ditto	61.68	ditto	
		Segowlee ...	ditto	ditto	67.33	ditto	
	Monghyr	Monghyr ...	ditto	ditto	64.82	ditto	
		Begoeserai ...	ditto	ditto	35.47	ditto	
		Jamooee ...	ditto	ditto	38.09	ditto	
BHAGULPORE.	Bhagulpore	Bhagulpore ...	ditto	ditto	51.05	ditto	
		Soopool ...	ditto	ditto	77.24	ditto	
		Muddehpooara ...	ditto	ditto	67.37	ditto	
		Banka ...	ditto	ditto	49.04	ditto	
		Sonbursa ...	ditto	ditto	68.20	ditto	
Purneah	Purneah ...	ditto	ditto	131.39	ditto		
	Kissengunge ...	ditto	ditto	72.44	ditto		
	Arrareah ...	ditto	ditto	82.33	ditto		
Sonthal Pergunnahs...	Nya Doomka ...	ditto	ditto	61.39	ditto		
	Rajmeah ...	ditto	ditto	68.43	ditto ...	Not received 5th to 11th Oct.	
	Deoghur ...	ditto	ditto	44.11	ditto		
	Jamtara ...	ditto	ditto	50.04	ditto ...	Ditto 23th Sept. to 4th Oct. and 12th to 25th Oct.	
	Pakour ...	ditto	ditto	70.22	ditto		
	Godda ...	ditto	ditto	53.29	ditto		

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 8th to 15th Nov. 1879.	Rain from 16th to 22nd Nov. 1879.	RAIN FROM 1ST JANUARY 1879.		REMARKS.		
					Inches.	Up to date.			
ORISSA.	Cuttack	Cuttack	Nil.	Not recd.	50.08	15th Nov.	From 9th March, and not recd 11th to 17th Oct.		
		Jajpore	ditto	ditto	46.94	ditto			
		Kendraparah	ditto	ditto	42.75	ditto			
		Jagatsingapore	Not recd.	ditto	24.72	8th Nov.			
		False Point	Nil.	ditto	58.78	15th Nov.			
	Pooree	Pooree	ditto	ditto	51.33	ditto			
		Khurdab	ditto	ditto	62.29	ditto			
		Banpore	Not recd	ditto	35.54	31st Oct.			
	Balasore	Balasore	Nil.	Nil.	48.81	22nd Nov.			
		Bhadrack	ditto	ditto	47.91	ditto			
		Jellasore	ditto	ditto	43.71	ditto			
		Sorah	ditto	ditto	39.45	ditto			
		Chandbally	ditto	ditto	65.30	ditto			
		Bareepudda	ditto	ditto	39.01	ditto			
	Cuttack Tributary Mehals.	Sumbaipore	ditto	ditto	78.54	ditto			
	CHOTA NAGPORE.								
	SOUTH-WESTERN FRONTIER AGENCY.								
	Hazareebagh	Hazareebagh...	{ Jail	ditto	ditto	44.35		ditto	
			{ Dispensary	ditto	ditto	44.09		ditto	
		Pachamba	...	ditto	ditto	52.70		ditto	
		Sitagurh	...	Not recd.	Not recd.	46.83		8th Nov.	
	Lohardugga	Mowdie Hills	...	Nil.	Nil.	52.71		15th Nov.	
		Ranchee	...	Not recd.	Not recd.	48.76		8th Nov.	
	Singbhoom	Palamow	...	ditto	ditto	44.03		ditto	
		Chyebassa	...	Nil.	Nil.	47.56		22nd Nov.	
	Manbhoom	Parulia	...	ditto	ditto	34.55		ditto	
		Govindpore	...	ditto	ditto	58.58		ditto	
	ASSAM & ADJA. CENT HILLS.								
	Sylhet	Sylhet	...	ditto	ditto	158.87		ditto	
	Sibsagar	Sibsagar	...	ditto	Not recd.	105.76		15th Nov.	
		Golaghat	...	ditto	ditto	75.22		ditto	
		Jornat	...	ditto	ditto	70.42		ditto	
	Burmah	Akyab	...	ditto	Nil.	220.52		22nd Nov.	
	Rajpootana	Alwar	...	ditto	ditto	29.01		ditto	
		Jaipur	...	ditto	ditto	31.51		ditto	
		Sambhar	...	ditto	ditto	22.94		ditto	

METEOROLOGICAL OFFICE, BENGAL,
The 29th November 1879.

HENRY F. BLANFORD,
For Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 23rd to 29th November 1879.

STATIONS.	Date.	Hour.	Baro- meter reduced to 32°.	Baro- meter reduced to sea- level.	HYGRO- METER.		Humidity Sat. = 100.	WIND.		Rain.	Weather remarks.	
					Dry.	Wet.		Directions.	Velocity.		At hour of observation.	For preceding 24 hours.
ALIPORE.	Nov. 23rd	10	30.065	30.087	72.8	57.3	33	N by W	6.0	...	...	b
		16	29.934	29.956	76.8	60.3	33	N N W	10.0	...	...	b
	24th	10	30.052	30.074	69.3	54.1	30	N by W	5.8	...	...	b
		16	29.930	29.952	74.7	58.0	31	N by W	9.0	...	...	b
	25th	10	30.058	30.080	66.4	55.0	43	N by W	2.8	...	...	b
		16	29.913	29.935	73.8	58.2	34	N W by N	9.0	...	...	b
	26th	10	30.005	30.028	67.8	56.7	47	N N W	3.5	...	...	b
		16	29.883	29.905	74.5	61.1	42	N by W	6.7	...	...	b
	27th	10	30.036	30.058	67.9	59.7	58	N by E	5.5	...	...	b
		16	29.917	29.939	74.4	60.7	41	N E by N	7.7	...	...	b
	28th	10	30.061	30.086	68.7	56.8	43	N by W	7.5	...	...	b
		16	29.938	29.960	74.9	61.0	40	N S W	4.3	...	...	b
	29th	10	30.054	30.078	68.1	59.0	54	N N W	8.0	...	CK	c
		16	29.924	29.946	77.7	64.0	44	N N E	10.0	...	...	b
SAGOR ISLAND.	Nov. 23rd	10	30.066	30.072	74.4	59.3	36	N	7	...	...	Fine clear weather.
		16	29.944	29.950	76.4	62.3	41	N	16	...	...	Ditto.
	24th	10	30.059	30.065	70.9	56.8	37	N N E	7	...	...	Ditto.
		16	29.943	29.949	73.9	60.3	41	N	16	...	...	Ditto.
	25th	10	30.064	30.070	68.9	57.8	47	N N W	7	...	...	Ditto.
		16	29.919	29.925	72.4	58.8	41	N N W	20	...	...	Ditto.
	26th	10	30.014	30.020	68.4	58.8	54	N	8	...	...	Ditto.
		16	29.893	29.899	71.9	60.3	47	N	8	...	...	Ditto.
	27th	10	30.041	30.047	67.4	60.8	67	N	7	...	...	Ditto.
		16	29.930	29.936	73.4	62.8	53	N	12	...	...	Ditto.
	28th	10	30.083	30.089	66.9	58.3	57	N N W	8	...	...	Ditto.
		16	29.956	29.962	74.4	63.3	51	N W	8	...	...	Ditto.
	29th	10	30.088	30.092	67.4	59.8	62	N N W	9	...	...	Ditto.
		16	29.943	29.949	75.4	61.9	54	N	8	...	...	Ditto.
CHITTAGONG.	Nov. 23rd	10	29.913	30.006	77.0	69.6	64	N E	2	...	...	Ditto.
	24th	10	29.938	30.031	72.3	61.5	59	Calm	2	...	...	Fine weather, with passing clouds.
	25th	10	29.925	30.018	71.3	61.5	68	Calm	2	...	...	Fine clear weather.
	26th	10	29.873	29.966	72.8	67.1	73	Calm	3	...	Passing temporary shower.	Ditto.
	27th	10	29.903	29.995	77.0	73.2	79	Calm	3	...	...	Ditto.
	28th	10	29.941	30.033	77.3	70.6	70	Calm	2	...	...	Foggy.
AKYAB.	29th	10	29.935	30.027	77.2	72.7	80	N E	2	...	...	Ditto.
	Nov. 23rd	10	29.918	29.940	79.9	73.7	73	N N E	1	...	...	Fine weather, with passing clouds.
	24th	10	29.930	29.952	78.9	70.7	65	N N E	1	...	...	Fine clear weather.
	25th	10	29.888	29.910	74.9	68.7	71	N N W	2	...	...	Ditto.
	26th	10	29.892	29.914	76.9	70.7	72	N E	2	...	...	Ditto.
	27th	10	29.922	29.944	77.9	70.7	69	E N E	...	...	...	Fine weather, with passing clouds.
FALSE POINT.	28th	10	29.966	29.988	78.4	72.7	76	E	...	...	...	Fine clear weather.
	29th	10	29.966	29.988	77.4	71.7	75	N N W	...	0.06	...	Fine weather, with passing clouds.
	Nov. 23rd	10	30.036	30.054	80.3	68.4	52	N E	5	...	...	Fine clear weather.
	24th	10	30.032	30.050	76.9	64.5	48	N N E	8	...	...	Ditto.
	25th	10	30.045	30.063	70.4	57.0	39	N E	7	...	...	Fine weather, with passing clouds.
	26th	10	30.009	30.027	72.9	59.5	41	N	8	...	...	Fine clear weather.
VIZAGAPATAM.	27th	10	30.044	30.062	72.9	63.4	44	N	7	...	...	Ditto.
	28th	10	30.085	30.103	70.9	60.0	40	N E	6	...	...	Ditto.
	29th	10	30.088	30.106	70.4	56.5	37	N W	6	...	...	Ditto.
	Nov. 23rd	10	30.013	30.045	81.0	76.0	78	S W	2	...	...	Fine weather, with passing clouds.
	24th	10	30.000	30.032	80.0	74.5	76	W	2	0.10	...	Ditto ditto.
	25th	10	29.993	30.025	79.5	74.5	78	N E	2	3.30	...	Sultry.
COLOMBO.	26th	10	29.959	29.991	78.0	70.5	68	N E	4	...	...	Fine weather, with passing clouds.
	27th	10	29.997	30.029	76.5	67.5	61	E N E	4	...	...	Ditto ditto.
	28th	10	30.063	30.096	74.5	61.5	41	N E	4	...	...	Ditto ditto.
	29th	10	30.102	30.135	71.5	55.5	30	N	3	...	...	Fine clear weather.
	Nov. 23rd	10	29.944	29.985	83.5	78.0	77	S S W	5	0.11	...	Fine weather, with passing clouds.
	24th	10	29.938	29.979	83.0	77.0	75	E S E	6	0.58	...	Ditto ditto.
	25th	10	29.893	29.934	82.5	77.5	79	N	7	0.04	...	Ditto ditto.
	26th	10	29.875	29.916	81.5	76.5	79	N	7	...	...	Ditto ditto.
	27th	10	29.893	29.934	82.0	78.5	77	W S W	6	0.80	...	Ditto ditto.
	28th	10	29.937	29.978	81.5	76.0	77	N N E	6	2.02	...	Ditto ditto.
	29th	10	29.937	29.978	82.5	76.0	69	N E	8	...	...	Ditto ditto.

* Velocity of wind in miles per hour.

CALCUTTA,
The 29th November 1879.HENRY F. BLANFORD,
For Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from
23rd to 29th November 1879.

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fah.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1879.		☉	Inches.	☉	☉	☉	☉	☉	Inches	☉	%			Inches	
Nov.	23rd	134.5	29.978	68.4	78.1	15.8	62.3	59.1	0.380	51.4	55	Till 10 A.M. N by W, till midnight N N W.	111	Nil	Clear, f. & w.
"	24th	133.7	.982	63.7	75.5	20.4	55.1	55.4	.331	47.6	56	Chiefly N by W.	108	...	Clear, w.
"	25th	133.6	.970	61.0	74.8	22.8	52.0	54.0	.326	47.2	60	Till 3 P.M. N by W, till midnight N N W.	96	...	Clear, w.
"	26th	132.8	.941	63.1	75.0	21.6	53.4	56.0	.357	49.7	62	Till 10 A.M. N N W, till midnight N by W.	102	...	Clear, w.
"	27th	132.7	.970	65.1	75.5	19.3	56.2	58.2	.394	52.3	63	Till 10 A.M. N by W, till 9 P.M. N N E, till midnight N by W.	109	...	Clear, w.
"	28th	135.9	.996	64.6	76.7	19.8	56.9	56.4	.350	49.1	58	Till 8 A.M. N by W, till midnight N N W.	154	...	Chiefly clear, w.
"	29th	132.3	.984	66.3	78.9	22.6	56.3	58.7	.396	52.5	62	Till 10 A.M. N N W, till midnight N N E.	162	...	Morning partially cloudy, day and night clear, w.

The mean pressure of the seven days ... 29.974
The average pressure of the corresponding period for 24 years, S. G. Office ... 30.002

☉
The mean temperature of the seven days ... 64.6
The average temperature of the corresponding period for 24 years, S. G. Office ... 71.5
The extreme variation of temperature during the seven days ... 26.9
The maximum temperature during the seven days ... 78.9

%
The mean relative humidity during the seven days ... 59
The average relative humidity of the corresponding period for 24 years, S. G. Office ... 70

Inches.
The total fall of rain from 23rd to 29th November 1879 ... Nil.
The average fall of the corresponding period for 24 years, S. G. Office ... 0.01
The total fall from 1st January to 29th November 1879 ... 43.10
The average fall of the corresponding period for 24 years, S. G. Office ... 61.55

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h., and 22h.; the maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

f fog; w dew.

METEOROLOGICAL OFFICE, INDIA,

The 1st December 1879.

HENRY F. BLANFORD,

Meteorological Reporter to the Government of India.

Reports of Fluctuation of Traffic on the Eastern Bengal Railway for the five weeks ending the 27th September 1879.

Report on the Goods Traffic for the five weeks ending the 27th September 1879.

EASTERN BENGAL RAILWAY COMPANY, TRAFFIC SUPERINTENDENT'S OFFICE, SEALDAH TERMINUS.

Dated Calcutta, the 5th November 1879.

From—W. INNES, Esq., Acting Traffic Superintendent, Eastern Bengal Railway,
To—The Agent, Eastern Bengal Railway, Sealdah.

THE total weight of goods carried over this Railway during the above period was 10,95,441 maunds, which, as compared with the corresponding period of last year, shows an increase of 96,880 maunds. This increase is chiefly in jute, piece-goods, salt, and tea; the following items show a decrease, viz.

Railway materials, foreign, seeds, and miscellaneous goods.

Increases.

Jute, drums ... Mds. 1,29,659

This increase is attributable to the jute market having become brisker and higher prices being obtainable in consequence of greater demands.

Piece-goods ... Mds. 10,843

The export of this staple continues to improve, and the large increase is chiefly due to the demand becoming greater and to the fact that, as compared with last year, the condition of the inhabitants of the outlying districts has improved, and as facilities for transport open up we may anticipate a further increase.

Salt ... Mds. 46,349

The continued satisfactory increase of salt is due to an increased demand together with the low rates for freight which has tended to draw considerable salt shipments to the railway.

Tea ... Mds. 9,196

This increase is owing to larger quantities arriving from the Darjeeling districts for transport by railway; hitherto a considerable quantity of tea found its way to Calcutta by other routes.

Decreases.

Railway materials, foreign ... Mds. 11,381

This decrease is due to the stoppage of the export of materials for the Northern Bengal State Railway owing to most of the materials having already been forwarded.

Seeds ... Mds. 6,816

The decrease in this staple is due to there being less demand for export and to the failure of crops.

Miscellaneous goods ... Mds. 20,606

This decrease is doubtless attributable to the depressed state of the market and trade generally.

Turmeric ... Mds. 4,047

The decrease in this staple is due to there having been less demand for the article; the market fluctuates considerably and the exports are regulated accordingly.

I attach the usual statement of increases and decreases.

Statement of Increases and Decreases in Maundage of Staples carried by the Eastern Bengal Railway Company for the five weeks ending the 27th September 1879, in comparison with that of the corresponding period of 1878.

DESCRIPTION.	Down.	Down.	Up.	Up.	Total.	Total.	Increase.	Decrease.
	1878.	1879.	1878.	1879.	1878.	1879.		
Ale, beer, wine, &c.	...	...	1,431	2,067	1,431	2,067	636	...
Cotton, bundles of	1,060	494	12	309	1,072	803	...	269
Do., bales of	2,210	2,066	80	606	2,290	2,672	382	...
Grain, including rice	26,704	16,943	2,155	7,857	28,859	24,800	...	4,059
Gunny, bundles of	140	525	619	536	759	1,061	302	...
Do., bales of	9,078	7,998	48	13	9,126	8,011	...	1,115
Hides, bundles of	11,730	12,676	12	130	11,742	12,806	1,064	...
Do., bales of	682	448	...	...	682	448	...	234
Jute, drums of	5,88,879	7,26,905	8,087	...	5,96,946	7,26,605	1,29,659	...
Do., bales of	97,173	36,474	1,211	28	98,384	36,502	...	61,882
Piece-goods	334	229	35,329	46,268	35,663	46,497	10,834	...
Railway material, foreign	...	...	17,158	6,777	17,158	5,777	...	11,381
Salt	...	...	47,754	94,103	47,754	94,103	46,349	...
Seeds	11,728	3,325	5,740	7,327	17,468	10,652	...	6,816
Sugar	679	2,791	308	4,622	937	7,413	6,426	...
Tea	8,264	17,450	1	11	8,265	17,461	9,196	...
Tobacco, bundles of	31,842	32,794	79	1,351	31,921	34,145	2,224	...
Do., bales of	...	...	...	...	...	...	...	...
Turmeric	6,565	2,518	...	...	6,565	2,518	...	4,047
Twist	126	47	5,391	5,643	5,457	5,695	208	...
Miscellaneous	10,695	13,713	65,316	41,692	76,011	55,405	...	20,606
Total	8,07,889	8,77,993	1,90,672	2,18,345	9,98,561	10,95,441	2,07,280	1,10,409
						9,98,561	1,10,409	...
						Increase	96,880	96,880

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 22nd November 1879 on 1,283½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TOTAL TRAFFIC RECEIPTS.	TRAIN MILES RUN.		
	No. of passengers.	Coaching receipts.		Weight carried.	Receipts.		Coach- ing.	Merchan- dise.		Total.		
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.					
Total traffic for the week	145,163	1,98,739 15 0	18,217 16 7	10,88,712 29	5,08,208 8 9	46,585 15 8	7,06,948 7 9	47,663	81,140½	128,803½		
Or per mile of railway ... ..	.....	154 13 6	14 3 11	.....	395 15 3	36 5 11	559 12 0	.....	.....	.....		
For previous 20 weeks of half-year	2,615,055½	34,01,292 8 9	311,785 3 0	2,02,07,426 10	87,68,840 13 3	798,316 8 8	21,21,10,133 6 0	930,717	1,568,161½	2,498,878½		
Total for 21 weeks	2,760,218½	36,00,032 7 9	330,002 19 7	2,13,86,138 30	92,17,040 6 0	844,896 3 10	22,17,081 13 9	977,780	1,649,311½	2,627,091½		
COMPARISON.												
Total for corresponding week of previous year	135,060	2,03,050 1 9	18,887 18 6	13,32,911 10	5,18,133 8 9	47,495 11 6	7,24,183 10 6	47,226	93,857	141,083		
Per mile of railway, corresponding week of previous year ... ..	.....	161 0 2	14 15 2	.....	404 13 11	37 2 3	565 14 1	.....	.....	.....		
Total to corresponding date of previous year	2,747,884½	36,17,600 14 2	331,613 19 3	2,06,45,001 0	81,93,372 12 9	751,039 5 2½	21,18,10,980 10 11	989,592	1,565,655	2,555,247		

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate return of Traffic for week ended 22nd November 1879 on 223½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.	£ s. d.				
Total traffic for the week ...	6,254	20,059 4 6	1,838 15 4	1,21,830 0	56,386 10 6	3,335 8 10	59,445 15 0	5,215	7,063½	12,278½		
Or per mile of railway ...	.....	89 10 5	8 4 4	.....	102 9 11	14 18 2	252 4 4	.....	.....	.....		
For previous 20 weeks of half-year ...	104,929½	3,36,797 1 0	30,873 1 3	18,91,054 30	5,41,413 12 6	49,629 11 11	8,78,210 13 6	102,146	130,686½	232,832½		
Total for 21 weeks ...	111,183½	3,56,856 5 6	32,711 16 7	20,12,884 30	5,77,800 6 6	52,965 0 9	9,34,656 12 0	107,361	137,744½	245,105½		
COMPARISON.												
Total for corresponding week of previous year ...	6,366	26,182 10 0	2,395 9 10	2,97,095 20	77,951 5 0	7,145 10 9	1,94,083 15 0	5,631	21,858	26,989		
Per mile of railway, corresponding week of previous year ...	.....	116 12 8	10 14 1	.....	348 6 2	31 18 9	465 2 19	.....	.....	.....		
Total to corresponding date of previous year ...	114,452½	3,51,156 9 0	32,189 7 1	23,26,854 30	6,48,771 9 9	59,470 14 8	9,90,928 2 9	103,867	160,618	269,925		

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts.

No. 41.

Latest return received.	Name of Railway.	Length open.	RECEIPTS FOR WEEK ENDING		TOTAL RECEIPTS FROM 1st JANUARY		Total increase in 1879.	Total decrease in 1879.
			12th Oct. 1878.	11th Oct. 1879.	To 12th Oct. 1878.	To 11th Oct. 1879.		
1879.		Miles.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
11th October ...	Northern Bengal ...	230	15,099 0 0	38,923 0 0	6,05,344 0 0	9,49,091 0 0	2,83,747 0 0	.....
11th ditto ...	Tirhoot ...	76	5,100 0 0	7,827 0 0	5,36,223 0 0	3,48,965 0 0	22,742 0 0	.....
15th November ...	Calcutta and South-Eastern ...	28	2,016 0 0	2,931 0 0	1,00,590 0 0	1,03,453 0 0	2,848 0 0	.....
18th October ...	Naihati ...	27½	1,192 0 0	1,899 0 0	79,679 0 0	72,022 0 0	1,343 0 0	.....
18th ditto ...	Fatna and Gya ...	57	.....	4,625 0 0	.....	1,25,263 0 0	1,25,263 0 0	.....
	Total ...	418½	22,248 0 0	55,215 0 0	11,62,836 0 0	15,98,779 0 0	4,35,943 0 0	.....



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, DECEMBER 10, 1879.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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RESOLUTION ON THE REPORT OF THE CALCUTTA MUNICIPALITY FOR THE YEAR 1878.

FINANCIAL DEPARTMENT—MUNICIPAL.

Calcutta, the 5th December 1879

RESOLUTION.

READ—

The report of the Calcutta Municipality for the year 1878.

Read also—

The Resolution on the report for the year 1877.

THE report for 1877 was dated the 27th September and received by Government on the 29th October. The Lieutenant-Governor in reviewing that report commented on the great delay in its submission—ten months after the termination of the year which it embraced. The report for 1878 is dated the 11th October, but was received by Government on the 18th October, only eleven days earlier than the report for the preceding year. It is much to be regretted that the Corporation cannot prepare their report with greater punctuality.

2. During the year the office of Chairman of the Corporation was held by Mr. C. T. Metcalfe from 1st January to 15th November, and by the present Chairman, Mr. W. M. Souttar, from that date to the close of the year.

Officers of the Corporation.

Baboo Sreenath Ghose was Vice-Chairman and Mr. R. Turnbull Secretary, Dr. Payne Health Officer, and Mr. J. Kimber Engineer, throughout the year. The conduct of the Collector, Baboo Jogendro Nath Mookerjee, was considered by the Sub-Committee, who enquired into the working of the department, to have been "unsatisfactory, suspicious, and culpably negligent, and that of his brother-in-law, Judoo Nath Chuckerbutty, fraudulent and dishonest." He was accordingly replaced on the 6th September by Baboo Chunder Seekur Bose. Mr. Pedler was gas and water analyst. Four elections for filling up vacancies in the representation of Wards Nos. 13, 15, 16, and 17 were held during the year, and seven Commissioners were appointed by Government to replace an equal number of vacancies among Government nominees.

3. The Commissioners held four quarterly meetings and two adjourned quarterly meetings; six special and thirteen special general meetings, besides 132 Committee meetings. Meetings of the Commissioners. The total number of meetings therefore held during the year was 157. The attendance of the elected Commissioners at these meetings appear to have been fair; four Commissioners attended over 100 meetings, seven between 50 and 100 meetings, seven between 30 and 50, thirteen between 10 and 29; fifteen attended less than ten meetings, and two attended none. Of the nominated Commissioners, one attended 52 meetings, one 38, one 37, one 22, and the rest between one and thirteen meetings. Considering that most of the Commissioners are men of business, the attendance of many of them, especially of the elected Commissioners, is creditable. At the same time two of the Commissioners wholly neglected their duties, whilst fifteen performed them in a very insufficient manner.

4. The Standing Committees, by the aid of which the work of administration was previously carried on, were combined during the year in a single Committee called the Municipal organization. Town Council. It resulted from this that almost the whole of the Commissioners were members of the Town Council, and the advantage to be derived from a Sub-Committee delegated to dispose of the less important business and prepare questions for the general meetings was in a great measure lost owing to the size of the Council. The Lieutenant-Governor is glad to observe that the newly-elected Commissioners have taken steps to remedy this defect and to reduce the Town Council to a more workable size; but at the same time His Honor sees no reason to change the opinion he expressed in the resolution on the report for 1877, that the burden of managing the municipality is unequally distributed by confiding all such work to a single Committee charged with the superintendence of all branches of administration.

5. The Commissioners have effected reforms in some of the more important departments of the Municipality. The system of collecting the rates and taxes by a paid collector, which was introduced by the Justices in 1876, was found, by a Special Committee appointed during the year under review, to be fraught with gross defects and abuses in its working. It was accordingly abandoned, and the former plan of entrusting the collection of the dues to an agency paid by commission was reverted to; it is reported that it is working satisfactorily. The Night-soil Department was also revised and a new scale of fees was adopted, in order to meet the deficit which the working of the department under the old scale entailed. The scale is described as tentative, and any surplus it may yield is to be applied to lowering the rates upon the poorer classes.

6. The subject of the management of the municipal markets also engaged much of the attention of the Commissioners, and a Special Committee was appointed to enquire into their working. The Committee met several times and examined a large number of witnesses who brought to light gross abuses. It is to be regretted that the report of the Committee, which was appointed in 1877, was not ready for submission by the close of 1878. The Lieutenant-Governor hopes that the results of the labours of the Committee will be made public before long. He is, however, glad to learn that several changes have in the meantime been made with the object of ameliorating the management of the markets, and that a Visiting Committee has been appointed to inspect them and to suggest improvements.

7. As the huts in the town had never been properly numbered, assessed, and registered, their assessment was undertaken and completed during the year after six months' arduous labour. Retrenchments in establishment were made to the extent of Rs. 89,100 per annum, and a carefully framed code of bye-laws was passed with the sanction of Government.

8. The Lieutenant-Governor regrets to find from the present report that the finances of the Municipality continued during the year under report to show very unsatisfactory results. In the Resolution on the report for 1877, the attention of the Commissioners was pointedly drawn to the necessity of improving the state of the municipal finances, and of introducing the reforms which were so urgently needed in every branch of the Municipality. This Resolution bears date the 2nd December 1878, when the operations of the year were drawing to a close. The Commissioners now explain that "the debt and deficit of the preceding year,—the retarded collections owing to an unfortunate change in the form of rate bills, which threw back the writing of the bills for several months,—the enquiry into the abuses of the Collectorate coming in the middle of the year, and necessarily affecting the collections,—the excess expenditure over budget grants, partly incurred by the Chairman without authority, and partly sanctioned by the Commissioners in consequence of pressing but unforeseen demands,—all these circumstances tended to disturb seriously the equilibrium between income and expenditure, which the Commissioners have endeavoured to restore in 1879 by having recourse on the one hand to retrenchment and economy, and on the other to the full measure of the house-rate sanctioned by the law." The Lieutenant-Governor observes with satisfaction that the Commissioners have thus fully recognized the absolute necessity of restoring the condition of the finances, and placing them upon a sound basis. The high prices, which the municipal loans command in the money market, indicate clearly that the public has confidence in the future of the City of Calcutta and in its ability to discharge all its pecuniary obligations, and the Corporation owe it to themselves, to their creditors, and to the Government, to administer their finances in such a manner as to do nothing to shake this confidence.

9. The following statement shows the actual revenue of the Municipality for the year 1878, as compared with that of the previous year:—

Income of the year.			Income during 1877.	Income during 1878.
Items of income.				
House-rate	...	...	8,57,724	8,80,723
Water-rate (including miscellaneous receipts)	...	...	6,18,136	4,46,083
Lighting-rate	...	...	2,30,276	2,03,463
Police-rate	...	...	2,29,262	2,40,296
Licenses on trades and professions	...	...	2,54,227	2,55,127
Carriage and horse tax	...	...	1,13,769	1,12,595
Registration of carts and hackeries	...	...	68,745	60,333
Ditto of hackney carriages	...	...	.....	1,672
Fees, fines, and penalties	...	...	35,095	29,283
Contribution from Government on account of police	...	...	99,785	94,388
Receipts from the conservancy department...	...	...	48,651	39,010
Ditto on account of the road department, street-watering, new-drainage, and municipal railway	...	...	27,875	87,808
Receipts of the night-soil department	...	...	1,23,724	2,33,012
" from the slaughter-house	...	...	39,930	39,620
" from the Municipal Markets	...	...	98,734	1,03,823
Rents and miscellaneous receipts	...	...	1,90,533	1,53,429
Total			29,46,466	29,80,665

10. This statement differs from that in paragraph 15 of the report, as it includes the Police-rate which produced Rs. 2,40,296; the Government contribution to the Police, Rs. 94,388, and miscellaneous police receipts aggregating Rs. 59,252. These, added to the total shown by the report, Rs. 25,86,629, amount to the figures given above, Rs. 29,80,665. Adding to this the opening balance, viz. Rs. 2,61,743 cash, in the hands of the Commissioner of Police Rs. 18,458, stores in stock valued at Rs. 4,34,587, and advances recoverable less deposits due Rs. 56,415, the sum of Rs. 6,50,000 raised by loans, and the miscellaneous receipts under capital account Rs. 5,405, the total amount at the disposal of the Commissioners during the year is raised to Rs. 44,07,273.

11. The receipts fell short of the budget estimate by nearly $2\frac{1}{2}$ lakhs, a result which was mainly due to the failure of the collecting department. It is remarked that the enquiry into the working of the Collector's office in the middle of the year materially contributed to this. Comparing the outstanding balances at the beginning of the year with those at its close, the figures are—

BALANCE OF					
			31st December 1877.	31st December 1878.	Increase in balance.
			Rs.	Rs.	Rs.
House-rate	...	...	22,615	1,88,585	1,65,970
Water-rate	...	...	24,299	90,783	66,484
Police-rate	...	...	10,464	56,746	46,282
Lighting-rate	...	...	10,399	50,186	39,787
Night-soil fees	...	...	37,580	1,32,239	94,659
Total			1,05,357	5,18,539	4,13,182

12. It must be borne in mind that these are the arrears after deducting not merely the remissions made during the year, but also all amounts transferred to the Warrant Department, or in other words, all demands the collection of which involves any delay or difficulty. The Collector's department is only responsible for what may be considered the routine work of collection, and the above figures show that the delay in carrying out this work reduced the balance of the Corporation at the end of the year by about four lakhs of rupees. If the increase in the outstanding balance be added to the actual collections, and the total thus obtained compared with the budget estimates, the former generally exceed the forecast made at the beginning of the year, and the deficit of income as compared with the budget is not therefore due to sanguine estimates, but to defective management and control of the collections.

13. The Warrant Department, on the contrary, so far as the figures show, had its work well in hand in all branches except the collection of night-soil fees, as the following figures show:—

BALANCE OUTSTANDING					
			on 31st December 1877.	on 31st December 1878.	Increase. Decrease.
			Rs.	Rs.	Rs. Rs.
House-rate	...	...	16,984	16,630	 354
Water-rate	...	...	13,778	11,800	 1,898
Police-rate	...	...	10,303	6,672	 3,631
Lighting-rate	...	...	8,437	5,868	 2,569
Night-soil fees	...	...	3,967	14,681	10,714
Total			53,469	55,731	2,262 8,452

14. The subjoined statement shows the expenditure of the Municipality under the different revenue accounts, including the police, as compared with the previous year :—

Expenditure.	Items of expenditure.	Expenditure during 1877.	Expenditure during 1878.
		Rs.	Rs.
	Interest on debenture loans ...	1,88,988	3,05,087
	Ditto on loans from Government ...	2,02,508	6,02,437
	Re-payment of Government loans ..	95,017	2,76,323
	Contribution towards the liquidation of debenture loans ...	1,10,000	.....
	Direction and management ...	1,14,985	1,06,959
	Collection of rates ...	49,789	45,041
	General expenditure ...	59,973	76,514
	Engineer's department ...	60,248	69,211
	Gowkhanah superintending establishment ..	6,080	5,903
	Gowkhanah charges ...	1,05,773	1,04,084
	Conservancy charges ...	90,919	82,390
	Road department ...	3,42,271	3,71,915
	Street-watering ...	29,349	28,910
	Lighting charges ...	2,29,177	2,35,317
	Working of the drainage pumping station ...	50,685	67,002
	Working of municipal railway ...	66,220	42,403
	Night-soil department ...	1,57,839	1,78,335
	Slaughter-house charges ...	13,811	10,469
	Market charges ...	11,204	21,804
	Water-supply expenditure ...	2,02,314	2,03,250
	Health Officer's department, including miscellaneous ...	23,351	20,725
	Hospitals and vaccination ...	13,859	61,208
	Miscellaneous charges ...	54,569	14,925
	Total ...	22,79,963	29,36,212
	Add expenditure on account of police ...	4,33,982	4,16,858
	Total ...	27,13,945	33,47,070

It will thus be seen that the actual expenditure exceeded the income by Rs. 3,66,405. Had the collections been properly made and not allowed to fall into arrears, there would have been a small surplus.

15. The excess of actual expenditure was met by spending within the year Rs. 2,30,000 less under the capital account, than the sum borrowed and received as capital receipts from miscellaneous sources; by reducing the advances outstanding from Rs. 64,352 to Rs. 28,950; by increasing the debt and deposit account from Rs. 7,936 to Rs. 83,416, and by a slight reduction of the cash balance.

16. The financial results of the year cannot, however, be correctly determined without taking into consideration the very heavy outstandings which were left unpaid at the close of the year. The General Fund completed the year with actual liabilities of no less than Rs. 5,71,355 which had to be paid during the year 1879: of this amount Rs. 1,81,206 were due on account of interest on debentures, Rs. 1,15,666 as contribution to the Debenture Loan Sinking Fund; Rs. 4,707 were due as interest on Government loans, and Rs. 8,810 as contribution to the Sinking Funds of these loans; Rs. 80,000 were due as the contribution to the Pauper Hospital, and Rs. 54,373 to the Bank of Bengal. On the other hand, during the year this fund discharged on account of 1877—

		Rs.
Interest and Sinking Fund	...	2,63,218
Other charges	...	54,410
Debts and deposits repaid	...	1,59,639
Total	...	4,77,267

The cash balance at the close of the year shewed an improvement of Rs. 13,211; adding this to the liabilities of 1877 paid in 1878, and deducting the total from the liabilities of 1878 left to be liquidated in 1879, it appears that

the General Fund finished the year some Rs. 80,000 poorer than it was at the commencement. Had the collections, however, been kept up to the mark, *i.e.* had there been no increase in the uncollected balance of the house-rate and of night-soil fees, the outstanding debts would have been considerably reduced, though not entirely liquidated.

17. It appears from paragraph 32 of the remarks of the Vice-Chairman on the Auditors' report that, out of the balance of Rs. 3,20,824 due on these two accounts, Rs. 2,64,873 had been adjusted up to the date (not stated) of his remarks; and as the house-rate has been raised to the maximum in 1879, and considerable economies have been effected in establishment, there ought to be a very large revenue under the head of General Fund during the current year. The Lieutenant-Governor hopes that the outstanding liabilities will have been all cleared off, and that the fund will also close the year without any outstanding debts of the character specially enumerated in the preceding paragraph.

18. The Water-rate Fund, in spite of the reduction from $4\frac{1}{2}$ to $3\frac{1}{2}$ per cent., was in a more satisfactory financial position. Although the uncollected balance increased by Rs. 66,484, it was able to pay off Rs. 1,74,070, interest and sinking fund contributions on account of the year 1877, and Rs. 3,45,661 out of Rs. 3,83,140 due on the same account for the current year. There was a considerable saving in expenditure during the year, and this fund is in a solvent condition.

19. The Lighting-rate Fund discharged all its liabilities, which are only on account of current expenditure, no loans being chargeable to this fund. The balance in hand was reduced from Rs. 63,052 to Rs. 28,066, but, on the other hand, the outstanding balance increased from Rs. 10,399 to Rs. 50,186.

Expenditure under capital account.

20. The expenditure under capital account was as follows:—

	Rs.
Construction of drainage	3,17,584
Ditto of latrines	47,000
Repair of roads excavated for drainage works	50,000
Construction of additional filters at Pultah	3,100
Preliminary charges for the doubling of the water-supply	7,515
Converting a latrine into a water-closet at the New Market	303
Total	4,25,502

21. The Municipality raised the following loans during the year 1878:—

	Rs.
Loan raised on debentures bearing interest at 5 per cent. for the extension of drainage	6,00,000
Loan for preliminary expenses for the doubling of water-supply	50,000
Total	6,50,000*

Adding to this, the amount of the loans existing at the close of 1877, *viz.* Rs. 1,50,55,934-14-2, the total loan liabilities of the Municipality rose to Rs. 1,57,05,934-14-2. During the year, however, the sum of Rs. 33,604-12 was paid towards the redemption of the market loans, thus reducing the aggregate loan liability to Rs. 1,56,72,330-2-2.

22. The total amount at the credit of the Sinking Funds was Rs. 29,98,490-12-8. Of this sum, Rs. 13,68,224-1 are invested in $4\frac{1}{2}$ per cent. Government securities in the hands of the Comptroller-General; Rs. 15,57,004-7-4 partly invested in 4 per cent. Government securities and partly in 6 per cent. Municipal Debentures in the custody of the trustees of the Municipal Loan Reserve Fund; Rs. 52,413-10-5 in the hands of the Comptroller-General of Accounts, and Rs. 20,848-7-9 in those of the aforesaid trustees. It is understood that since

* In addition to this, there were certain miscellaneous receipts under capital account amounting to Rs. 5,405.

the close of the year the Municipal Commissioners have finally accepted the terms on which the Government of India have offered to consolidate the Government loans.

Municipal rates.

23. The rates of the past, as compared with those of the previous year, were—

	1877.	1878.
House-rate	7 per cent.	9 per cent.
Water-rate	4½ „	3½ „
Police-rate	2 „	2¼ „
Lighting-rate	2 „	2 „

The percentage of collections fell from 86·6 to 73·3; the cause of the failure has been already commented on.

24. During the year the assessment of houses and lands in 11 out of the 18 wards of the town was revised. In addition to this general work of revision, the assessment of 5,714 houses in different parts of the town was enhanced on account of the construction of new or additional buildings. In the case of 494 houses the assessment was reduced, owing to partial or entire demolition of houses, removal of tenants, &c. The financial result of these operations was an increase in the assessed value of property in the town amounting to Rs. 4,38,023, and a decrease amounting to Rs. 68,860, or a net increase of Rs. 3,69,163. In the course of the assessment it was found that the value of property along the Strand Bank road has of late years considerably increased.

Assessment.

25. The total number of municipal licenses granted was 26,626. Of these, 157 were issued to joint-stock companies; 1,450 to merchants, brokers, &c.; 208 to barristers, attorneys, and pleaders; 10 to surgeons; 127 to hotel-keepers, manufacturers, &c.; 127 to mookhtears and law agents; 121 to licentiates of medicine, apothecaries and veterinary surgeons; 83 to owners of cargo-boats, and 345 to brokers and dealers in precious stones. The rest were issued to petty dealers, pawn-brokers, money-changers, native doctors, *kobirages* and midwives, &c. The income derived from this source amounted to Rs. 2,55,127 during the year.

License Department.

26. During the past year the supply of filtered water in the town was on an average 7,260,320 gallons daily, being an increase in the annual daily average of 541,054 gallons over that of the previous year.

Water-supply.

Seven hundred and sixty-five premises were connected with the water-supply during the year—762 for domestic and 3 for business purposes. The total number of premises now connected with the water-supply system is 11,177.* In addition to this, there was a supply of nearly a million gallons per day of unfiltered water, which was used in flushing drains and watering the streets. Although the total quantity of water thus supplied was so large, yet it is believed to be still inadequate for the requirements of the town. After deducting the quantity consumed in flushing drains, watering the streets, and consumption outside the town limits, the people get about three gallons per head per diem. This barely suffices for their cooking and drinking; and for all other domestic purposes they have to draw their supplies from tanks, wells, and the river. The Commissioners have prepared a scheme which is expected to give an additional supply of eight million gallons of pure water daily at a cost of thirty-six lakhs of rupees. This scheme, when carried out, is designed to afford a total of about twelve gallons per head, which, though possibly not sufficient for all the requirements of the people, will obviate the necessity of their using impure water for domestic purposes.

The water analyst reports that the quality of the filtered water supplied by the Municipality was far purer than that of the majority of large towns in Europe.

* There is a discrepancy between the figures given in the Engineer's report, which have been here adopted, and those given in paragraph 68 of the Commissioners' report, where the number of premises connected is said to be 11,583.

27. In 1878, 64,247 lineal feet, or 12·16 miles of new sewers were constructed. The total length of sewers now constructed amounts to 139·33 miles,* still leaving 48·46 miles to be constructed. The number of premises connected with the street sewers during the year was 1,308, thus raising the total number of houses so connected to 12,898.

Drainage.

The important question of how to dispose of the storm water passing through the town sewers without contaminating the waters of the Circular Canal was discussed between the Calcutta Municipality and the Canal authorities during the year. A scheme has been devised and is now being carried out by which the storm water will be conveyed to the Salt Water Lakes by a separate system of sewers and channels, arranged so as to provide at the same time for the drainage of the suburbs, which lie between the Canal and the Circular Road, and of certain portions of Baliaghatta and Entally.

28. The Lieutenant-Governor has read with satisfaction the account of the progress made during the year in the direction of *bustee* reform. About 14 miles of the most offensive drains which formerly intersected these neighbourhoods have been filled up, a work which has contributed materially to improve the sanitary condition of what had until lately formed the most noxious portions of the city. The sites of most of the drains have been converted into roads and so pipe-sewered as to drain the adjoining lands which are consequently now not so damp as they formerly used to be. Several roads have been made through these *bustees* by their owners, and the width of others has been increased so as to make them accessible to conservancy carts. More than a thousand privies have been built in the *bustees* for the accommodation of the inhabitants, and for the prevention of the defilement of waste lands.

Bustee improvement.

29. Improved conservancy arrangements have also been made during the year for the cleanliness of *gowala bustees* or hamlets inhabited by milkmen. A large number of *gowalas* have been removed from the town, and the cow-houses of others have been improved. The refuse from the existing sheds is daily removed by the Conservancy Department at a charge of four annas per head of cattle.

30. In consequence of a defect in the law, which does not make the filling up of foul wells compulsory, the operations in regard to wells have been limited to the filling up of those which the owners give permission to fill up. During the year under report 38 foul tanks were taken up by the Engineer's Department for the purpose of filling them up with town sweepings. Of these, it is reported, 31 have been completed. Altogether 66 tanks have been filled up in this way. Several private tanks have been at the same time improved through the agency of the Conservancy Department at the cost of the owners. Much, however, still remains to be done in this direction. It appears from paragraph 72 of the report that 518 tanks require to be filled up, besides a number of hollows which, though not strictly tanks, are receptacles of filthy water and require to be reclaimed even more urgently than tanks. The area represented by the above number of tanks is 484·43 acres, with a capacity of 422,035,416 cubic feet. The materials available for filling them, namely the sweepings of the town, have been estimated at 15,075 cubic feet per diem, but after making allowance for shrinkage and contraction, these figures must be reduced to 3,359 cubic feet per diem, or about 1,200,000 cubic feet per annum. It will therefore take an indefinite period before the Commissioners can in this manner fill up all the tanks in the town. They represent, however, that there is no immediate necessity for such general reclamation; it would be inexpedient to have all the tanks filled up at once, until the water-supply of the town is so extended as to meet the whole of the requirements of the people. The Lieutenant-Governor hopes, however, that filthy tanks will be filled up as fast as materials become available, and that endeavours will be made as much as possible to improve the others.

Reclamation of tanks and wells.

* These figures, which have been taken from the Engineer's report, differ from those given in paragraph 58 of the Commissioners' report.

31. This department is now under the supervision of the Engineer. Eleven hundred nightmen are now employed in the work of removal of the soil. The total number of privies attended to by these men amount to 33,155, thus giving 30 privies to each man to clean.

32. During the past year a new contract for 21 years was entered into with the Oriental Gas Company. It provided for the thorough illumination of the town at a reduced cost of Rs. 4-13-4 per light per mensem. The former cost was Rs. 6 per mensem. The total number of gas-lamps lighted in the town during the year at the cost of the Municipality was 2,835, and the total number of oil-lamps was 751. The illuminating power of the gas supplied during the year was 14·01 candles, and its quality was reported by the analyst to have been very good.

33. The number of deaths registered in the town during the year was 16,396, against 13,704 in the previous year. This gives a death-rate of 38·1 per thousand of the population, a percentage higher than that of 1875, which was the highest year of mortality ever known in Calcutta since the drainage was improved and a pure system of water-supply was introduced in the town; but there is ample evidence to show that the year was an exceptionally unhealthy one over the whole of Lower Bengal, and there is no reason to suppose that this increase as compared with preceding years is due to any increase of insanitary condition in Calcutta.

34. The following statement shows the amount of mortality from the most prevalent diseases:—

Causes of mortality.					Number of deaths.
Cholera	..	...	...	...	1,338
Diarrhoea and dysentery	...	...	...	...	2,010
Fevers	...	...	...	...	6,086
Small-pox	...	...	...	...	1,495
Other causes	...	...	...	...	5,467
Total					16,396

Small-pox was remarkably prevalent, but the epidemic, after raging for some months of the present year, is understood to have now entirely passed away.

The deaths during the year among the various races who inhabit Calcutta were—

Nationality.					Number of deaths.
Hindoos	...	...	...	...	10,848
Mahomedans	...	...	...	...	4,645
Non-Asiatics	...	...	...	...	263
Mixed races	...	...	...	...	575
Other races	...	...	...	...	65
Total					16,396

Of this number—

Males	...	...	...	...	9,495
Females	...	...	...	...	6,901

35. The following table shows the number of births registered during the year classed according to nationality:—

Nationality.					Number of births.
Hindoos	...	...	...	...	4,515
Mahomedans	...	...	...	...	1,669
Non-Asiatics	...	...	...	...	249
Mixed races	...	...	...	...	440
Other races	...	...	...	...	52
Total					6,925

Of these—

3,623 were male births and 3,302 were female births.

The ratio of births per 1,000 of the population was 16·1.

36. The following figures show the number of municipal cases disposed of by the Honorary Magistrates in the Calcutta Police Court during the year 1878:—

Adjudication of Municipal cases.

Number of cases instituted ...	...	...	...	12,088
Ditto of convictions ...	...	...	...	5,767
Ditto of acquittals ...	...	...	...	788
Ditto remaining unadjudicated at the close of the year	...	...	...	5,533

Rs.

Total amount of fines imposed	...	...	...	10,501
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37. The Commissioners devote a portion of their report to an account of the proceedings for the assessment and collection of the license tax in Calcutta, and the report of the Chairman is forwarded as an annexure. The appeal benches held 102 sittings and disposed of 2,375 objections. The Government has already in the Resolution on the License Tax report of the Board of Revenue expressed its sense of the services rendered by the Commissioners who at the sacrifice of their own time and leisure sat on these benches. The Lieutenant-Governor cannot, however, admit the force of the objection to which so much weight is attached, that the Commissioners could not co-operate with the Chairman in assisting in the assessment of the tax "as they could not consistently perform the functions of assessors and appellate authority at the same time." This argument loses all its weight unless the same Commissioners who assisted the Chairman in revising the assessment afterwards sat upon the appellate bench. As this could have been in no way necessary, the Lieutenant-Governor must express his regret that much valuable local information was thereby lost to the Chairman.

ORDER.—Ordered, that a copy of this Resolution, with a copy of the report, be forwarded to the Government of India in the Home, Revenue and Agricultural Department, for information.

Ordered also, that a copy of the Resolution be forwarded to the Chairman of the Corporation for the information of the Commissioners, and that copies of it, together with that of the report, be forwarded to the Commissioner of Police, Calcutta, to the Sanitary Commissioner for Bengal, and to the Surgeon-General, Bengal.

Ordered also, that a copy of the Resolution be published in the *Calcutta Gazette*, and that copies of it, together with that of the report, be distributed as usual to public officers and departments who have hitherto been supplied with the report.

By order of the Lieutenant-Governor of Bengal,

A. MACKENZIE,

Secretary to the Govt. of Bengal.

RESOLUTION ON THE REPORT ON INLAND EMIGRATION FOR THE
YEAR 1878-79.

GENERAL DEPARTMENT—INLAND EMIGRATION.

Calcutta, the 3rd December 1879.

RESOLUTION.

READ—

Report on Inland Emigration for the year 1878-79.

THE office of Superintendent of Emigration was held by Dr. Vincent Richards during the whole of the year under report. The report is submitted by Dr. Grant, the permanent incumbent of the appointment, who has returned from furlough since the close of the year.

2. In the first paragraph of the resolution on the report for 1877-78, reference was made to the difficulty experienced in procuring accurate or complete statistics in the case of sirdari gangs of coolies proceeding independently (class C) to the labour districts, and the necessity for obtaining more accurate statistics both of sirdari and of contractors' coolies was strongly insisted on. Registering officers were accordingly directed during the past year to forward to the Superintendent of Emigration every registration effected, and abstracts of all the contracts executed by emigrants with recruiters and garden sirdars, and with the view of supplementing these arrangements, and further securing the accuracy of the statistics of district registration, new forms of returns were prescribed, which will give full particulars regarding all the coolies registered in the several districts of Bengal. It may be hoped that in future the returns will show far greater accuracy than has hitherto been attained.

3. The provisions of the Inland Emigration Act having been extended to the district of Chittagong and to the Chittagong Hill Tracts by Act II of 1878, the Magistrate of Chittagong and the Deputy Commissioner of the Hill Tracts were made ex-officio Inspectors of Laborers, and an annual rate of 12 annas was fixed as the rate to be paid by all employers of labour for each labourer serving in those districts under a contract to labour. The first annual report of the Magistrate of Chittagong was received in May last, and has been separately disposed of. Various modifications of the rules under the Act were effected during the year with the object of improving generally the working of the department. The most important of them, which were designed for reducing the risks to their health to which emigrants are exposed during the river passage to the labour districts, will be noticed further on.

4. The number of contractors licensed to recruit and forward labourers was twenty, or six less than last year. Three men retired from business during the year, and two were refused a renewal of their licenses, while two others had their licenses practically suspended for considerable periods, in consequence of the unsatisfactory manner in which their business was conducted. The system adopted by some of the Calcutta firms interested in the supply of labour to the tea districts, of establishing depôts, and obtaining contractors licenses for their own special agents, appears likely to produce marked results on the character of recruiting operations in Bengal. The Lieutenant-Governor agrees with Dr. Grant that a system which places the supply of labour more immediately in the hands of those interested in the work for which the labourers are wanted has decided advantages over the system of employing professional agents hitherto in vogue.

5. The number of recruiters licensed during the year was 222 less than in the previous year. Some improvement is observed in the proportion of licenses cancelled, the percentage being 3.40 against 4.10 in 1877-78. The marked falling off in the percentage of cancellations in the case of Mr. Hendry's recruiters seems to indicate greater care in the selection of his men.

6. The following statement shows the number of emigrants and their dependents registered and transmitted through the Calcutta depôts, and the

casualties attending their progress from the time of registration to that of arrival at their destination :—

	Class A.	Class B.	Total.
Number registered in the recruiting districts ...	13,795	11,917	25,712
„ detained, discharged, deserted, and died ...	388	116	504
„ despatched to Calcutta depôts ...	13,407	11,801	25,208
„ left behind, deserted, or died ...	294	203	497
„ born on the way ...	1	1	2
„ arrived from recruiting districts ...	13,114	11,599	24,713
„ remaining in depôt at close of preceding year ...	959	821	1,780
Total number in depôt during the year ...	14,073	12,420	26,493
Number rejected, discharged, deserted, or died ...	1,970	968	2,938
Remaining in depôt at close of the year ...	254	547	801
Leaving for despatch to labour districts ...	11,849	10,905	22,754
Number despatched to { Assam ...	8,920	6,705	.....
Goalundo, &c., for— { Cachar ...	1,830	3,810	.....
„ { Sylhet ...	86	194	.....
Assam <i>via</i> Dhubri ...	990	196	.....
Chittagong ...	23	.....	.....
	11,849	10,905	22,754
Number deserted or died on the way to Goalundo ...	1	3	4
Number arrived at Goalundo ...	10,835	10,706	21,541
„ awaiting embarkation at close of year ...	12	286	298
Total number at Goalundo during the year ...	10,847	10,992	21,839
Number left behind, &c., or died at Goalundo ...	94	126	220
Number embarked for— { Assam ...	8,880	6,633	15,513
„ { Cachar ...	1,787	4,042	5,829
„ { Sylhet ...	86	191	277
Total number embarked ...	10,753	10,866	21,619
Total deserted, died, or left { Assam ...	350	246	596
sick <i>en route</i> to— { Cachar ...	80	178	258
„ { Sylhet ...	.....	2	2
Total born on the way to— { Assam ...	2	.....	2
„ { Cachar ...	1	3	4
Total number landed at { Assam ...	8,532	6,387	14,919
destination in— { Cachar ...	1,708	3,867	5,575
„ { Sylhet ...	86	189	275
„ { Chittagong ...	.....	.....	23
Total number landed at destination ...	10,349	10,443	20,792

The emigrants despatched to Assam from the Calcutta depôts *via* Dhubri have been excluded from the last totals, owing to absence of information regarding the casualties between Dhubri and their final destination.

7. The following statements show the number of class C emigrants recruited by garden-sirdars and forwarded to the labour districts independently of contractors' depôts, the losses by the way, and the total numbers reaching their final destination :—

(1.)—Forwarded *via* Goalundo—

Number recruited in recruiting districts ...	...	1,064
„ deserted or died before reaching Goalundo ...	...	35
Number arrived at Goalundo ...	...	1,029
„ awaiting embarkation at close of preceding year ...	...	5
Total	...	1,034
Number discharged, deserted, or died at Goalundo ...	...	23
Number embarked for— ...	{ Assam ...	982
	{ Cachar ...	29
Total	...	1,011

Number died on road to—	...	...	{ Assam ... 35	...	...
			{ Cachar ...	...	...
Landed in—	...	{ Assam...	...	...	947
		{ Cachar ...	...	...	29
				Total	976
(2.)—Forwarded <i>via</i> other routes, probably Kooshtea:—					
Number recruited in recruiting districts	...	...	...	...	1,375
„ left behind, deserted, or died, for—	...	...	{ Cachar ... 78	...	...
			{ Sylhet ...	...	3
„ landed at destination, for—	...	...	{ Cachar ... 1,149	...	...
			{ Sylhet ...	...	145
				Total	1,294

8. These statements exhibit in a comprehensive form the losses from all causes at various stages of the journey sustained by the different recruiting and contracting agencies, from the time when the coolies were collected together till the time when they landed in the labour districts. The losses are due to detention by the authorities, to discharges, to rejections for unfitness, to incapacity to proceed on the journey on account of sickness or other infirmity, to desertions, and to death. The first statement shows that 25,712 coolies were collected together for the purpose of being registered, that 504 out of that number were lost to the recruiters before the remainder were despatched to Calcutta, and that 497 were lost on the way down; making a total loss of 1,001 souls. At Calcutta 1,780, who were in depôt at the close of the preceding year, were added to the remainder, giving a total in the Calcutta depôts of 26,493. Out of these, 2,938 were lost to the recruiters at Calcutta, and 4 were lost on the way to Goalundo, reducing the number that arrived at Goalundo to 21,541. With the addition of those left in depôt here at the close of the preceding year, the number rose to 21,839 souls. Of these, 220 were lost at Goalundo and 856 on the river journey; the losses amongst those who proceeded to Assam by way of Dhubri being unaccounted for. It appears, therefore, that out of a total of 30,229 persons collected for the purpose of emigrating to the tea districts, 5,193, or about one-sixth, were lost for the object for which they were collected, owing to the casualties enumerated above. Of the total number of persons so collected, 14,766 were brought together by depôt recruiters, who make this business their means of livelihood, 13,024 by garden-sirdar recruiters, who act directly in the interest of the tea companies, and 2,439 by garden-sirdars (class C). Six were born on the way who have not been taken into account in these figures. Of the 20,792 coolies forwarded through depôts who arrived at their destination, 10,349 belonged to the first and 10,443 to the second class. That is, 70 per cent. of the depôt recruiters' coolies, and 80 per cent. of the garden-sirdars' coolies, arrived at their destination. This may be accepted, though perhaps not absolutely, as an indication of the superiority of the latter method of recruiting over the former, and the Lieutenant-Governor is glad to observe, from the report under review, that the system is gaining favour. The numbers recruited in this manner were—

In 1876-77	...	...	...	...	4,313
In 1877-78	...	...	...	...	6,487
In 1878-79	...	...	...	...	11,917

9. In considering the question of mortality among the coolies recruited, some margin must probably be allowed in reference to those who are "left behind." In the death-rates of the reports they cannot well be included; yet it is much to be feared that some of those who are reported to be left behind do not survive to return to their homes. The recorded mortality is based upon the following figures:—

Out of 25,712 registered in the districts, 18 died, giving a death-rate of 0·07 on the whole, 0·04 on class A emigrants, and 0·10 on class B emigrants.

Out of 25,208 despatched to Calcutta, 32 died, giving a death-rate of 0·12 on the whole, 0·14 on class A, and 0·11 on class B emigrants.

Out of 26,493 in the Calcutta depôts, 602 died, giving a death-rate of 2·27 on the whole, 2·17 on class A, and 2·36 on class B emigrants.

Out of 21,839 in the Goalundo depôts, 167 died, giving a death-rate of 0·76 on the whole, 0·54 on class A, and 0·98 on class B emigrants.

The numbers embarked for Assam, Cachar, and Sylhet were respectively 15,513, 5,829, and 277. Out of the Assam emigrants, 589 died; out of those for Cachar, 232; and out of those for Sylhet, two died. The percentages were as follows:—

		On the whole.	Class A.	Class B.
For Assam	...	3·79	3·88	3·67
For Cachar	...	3·98	3·30	4·28
For Sylhet	...	0·72	...	1·04

These comparisons, on the whole, tell unfavourably on the class B emigrants, as under nearly all conditions their death-rate is higher than in the case of the class A emigrants.

10. The total number registered by licensed recruiters (class A) was less than that of the previous year, being only 13,795, as against 18,377 in 1877-78. The districts of Chota Nagpore were the chief sources of supply; 60·48 per cent. having been registered there, and the rest in other districts. As compared with 1877-78, a larger proportion of this class of coolies was registered in Chota Nagpore, and a smaller proportion in the 24-Pergunnahs. This appears to indicate a more honest system of recruitment than that which prevailed in 1877-78, but a fuller knowledge of all the circumstances is, as Dr. Grant points out, needed before any definite conclusion can be arrived at on the subject. Of the whole number registered, 13,114, including one born on the way, were admitted into depôt in Calcutta. In the interval between the registration of the coolies and their arrival at the Calcutta depôts—

209 or 1·52 per cent.	...	...	...	were detained.
44 „ 0·31 „	...	...	...	„ discharged.
29 „ 0·21 „	...	...	...	„ left behind.
376 „ 2·72 „	...	...	...	deserted.
24 „ 0·17 „	...	...	...	died.

A loss of 682, or nearly 5 per cent. of the total number, thus occurred before the coolies reached Calcutta. Baboo A. T. Ganguli, 36 per cent. of whose coolies deserted, was very rightly refused a renewal of his license.

11. Of the 11,917 coolies registered by garden-sirdar recruiters (class B), 11,599, including one born on the way, arrived at the Calcutta depôts. Of the remaining 319—

35 or 0·29 per cent.	...	...	...	were detained.
27 „ 0·22 „	...	...	...	„ left behind.
231 „ 1·93 „	...	...	...	deserted.
26 „ 0·21 „	...	...	...	died.

In 1878-79 the proportion of those under this class who absconded during the year was nearly double, while the death-rate was only a fourth of that of 1877-78.

12. Altogether 26,494 coolies, as against 24,068 in 1877-78, were temporarily accommodated in the Sealdah and Entally depôts in the course of the year. The following statement shows some of the chief points in connection with them:—

	1877-78.		1878-79.	
	Number.	Percentage.	Number.	Percentage.
Rejections, including relatives	1,203	5·0 nearly	852	3·21
Ditto, excluding ditto	869	3·61	449	1·7 nearly
Transferred to other depôts	496	2·06	64	0·24
Discharged, exclusive of transfers	892	3·70	711	2·7
Absconded	1,007	4·18	707	2·63
Deaths from cholera	262	0·83	408	1·76
Total deaths	315	1·30	602	2·27

13. It is satisfactory to find that the percentage of emigrants rejected at the Calcutta depôts as physically unfit to emigrate has diminished from

nearly five per cent. in 1877-78 to 3.21 per cent. in 1878-79. In the Resolution on the last report, the Lieutenant-Governor expressed his opinion that the very large percentage of rejections was due to some serious defect in the system of examination of the coolies in the mofussil, and the particular attention of the emigration officers was directed to the subject. The measures adopted to secure greater strictness in the examinations in the mofussil appear to have produced very favourable results; and the Superintendent has been able to report that, from the coolies sent down from several places, there have been no rejections in Calcutta. The Lieutenant-Governor hopes that the efforts which have commenced so well will be continued without relaxation.

14. The mortality in the Calcutta depôts during the year was considerably larger than that in the preceding year. The percentage of deaths from cholera was 1.76, and from all causes 2.27, against 0.83 and 1.30 respectively in 1877-78. This increase is attributed to the general unhealthiness of these Provinces during the year, rather than to any special circumstances connected with the system of conducting emigration operations. The acknowledged unhealthiness of the Sealdah and Entally depôts has, however, recently been the subject of special consideration by Government, and attention has been given to the improvement of the water-supply and other arrangements at these depôts.

15. The number of class C coolies, or those recruited by garden-sirdars authorized to recruit not more than 20 laborers and to proceed independently of the licensed depôts, was only 2,439, as against 12,259 in 1877-78. The majority of them were recruited in the Chota Nagpore Division. Of these, 1,064 proceeded by way of Goalundo, some for Assam and others for Cachar, but none for Sylhet; and the rest, or 1,375, proceeded by other routes, probably *via* Kooshtea, to Cachar and Sylhet. The casualties on the way are shown in the statements in paragraph 8 above.

16. The mortality in the depôts was, as has been shown above, very heavy; that on the river passage was still heavier. The mortality on board steamers and flats is exhibited in the report in the form given below:—

	1875-76.		1876-77.		1877-78.		1878-79.	
Total number of trips ...	...	65	...	71	...	63	...	75
Ditto without cholera ...	...	39	...	53	...	35	...	35
Ditto souls conveyed ...	...	16,464	...	14,646	...	17,366	...	16,495
Average percentage of total deaths ...	...	1.70	...	1.46	...	2.96	...	3.78
Average length of passage ...	Days. Hours.	15 17½	Days. Hours.	16 19	Days. Hours.	18 17	Days. Hours.	15 21
Ditto number carried each trip ...	...	253	...	200	...	275	...	219

The Lieutenant-Governor approves of Dr. Grant's decision to defer a fuller examination of this subject till the special report already called for is submitted, and His Honor will look forward with interest to the receipt of that report, as well as of the special report called for on the excessive mortality in the depôts.

17. With the view of lessening the mortality on board steamers, many useful suggestions made from time to time have been adopted. At the suggestion of Dr. DeRenzy, Sanitary Commissioner for Assam, the diet scale of the coolies has recently been altered in the hope that the proportion of the different articles now in use will prove more suitable to the coolies than that formerly prescribed. The arrangements for the water-supply of coolies have been re-modelled, in order to reduce the chances of the coolies drinking impure water to a minimum. For this purpose the number of tanks was increased from two to four; the number and size of their taps were similarly increased; and their covers were better secured to preserve the water in them from risk of contamination. An improvement was also made in the system of supplying water for latrine and bathing purposes; and a special apparatus, consisting of a water-trough with a range of taps and a board for washing clothes on, and a couple of pumps for the supply of an abundance of fresh water for drinking and washing, were introduced. Measures have also been adopted to secure that the water-supply arrangements are constantly inspected and reported on, and by this means the dangers arising from impurity of the water-supply should be almost, if not entirely, eliminated.

18. *Emigration via Dhubri.*—The total number of emigrants who used the Dhubri route during the year was 10,417, against 9,952 in the previous year, thus showing an increase of 465 emigrants in the year under review. Calculating that the aggregate number of emigrants received by the districts of Assam in 1878-79 was 24,939 as compared with 26,536 in 1877-78, the Superintendent of Emigration at Dhubri finds that in the former year about 40 per cent., and in the latter about 36 per cent., of the emigrants to Assam passed through Dhubri, showing a relative, as well as an absolute, increase in the number that selected the Dhubri route in the past year. The number embarked fell off, as compared with the preceding year; but the deficiency was more than made good by the number marched up. Dr. Grant points out that of 1,186 coolies who were transmitted from Calcutta *via* Dhubri to Assam, 325 are not mentioned in the returns received from Dhubri, having apparently marched through that station unreported and unnoticed, and suggests the necessity of adopting measures to remedy this defect in future. The new forms of way-bills which it is proposed to introduce for the use of batches marching to Dhubri should, the Lieutenant-Governor thinks, provide an adequate check in this case.

19. Only 75 deaths from cholera occurred in the Dhubri depôts among over 10,000 emigrants who passed through; the rate of mortality being under 0·75 per cent. Mr. Campbell reports that about 90 per cent. of the deaths at the depôts were among patients who arrived ill with the disease, or were attacked shortly after arrival. Of the total number, 6,995, that embarked at Dhubri during the year, 170 or 2·43 per cent. died on the passage, chiefly of cholera. The death-rate during the previous year was 1·72. Mr. Campbell points out that the losses sustained during the journey to Dhubri from deaths, desertions, and other causes were comparatively trifling, as compared with the losses from similar causes among the emigrants who were subsequently embarked, while those who marched up beyond Dhubri suffered even greater losses than those who embarked. The fact that the coolies march up during the healthiest months of the year, viz. December, January, and February, and that they are specially selected for the land journey, accounts in great measure for the low rate of mortality before reaching Dhubri.

20. Dr. Grant has referred to the probability, as deduced from the returns at present available, of the death-rate among coolies being influenced in some degree by the number of persons conveyed together. "It seems probable," he says, "that the percentage of deaths during transit, whether in steamers, flats, or boats, will under similar conditions be found, as a general rule, to be highest in the largest batches." If further observations should establish this hypothesis with any degree of certainty, and also show satisfactorily that cholera unquestionably prevails during certain months and almost disappears for the rest of the year, Dr. Grant's suggestions for restricting the size of the coolie batches and for fixing an emigration season will be fully considered.

H. J. REYNOLDS,
Secretary to the Govt. of Bengal.

**RESOLUTION ON THE REPORT OF THE BOARD OF REVENUE ON
THE ADMINISTRATION OF WARDS' AND ATTACHED ESTATES
FOR THE YEAR 1878-79.**

REVENUE DEPARTMENT—LAND REVENUE.

Calcutta, the 9th December 1879.

RESOLUTION.

READ—

The report of the Board of Revenue on the Administration of Wards' and Attached Estates for the year 1878-79.

THE present report, though not submitted till six weeks after the date prescribed by Government, has been forwarded at a much earlier date than the reports of previous years, and the Lieutenant-Governor trusts that the stringent orders which have been issued by the Board for the punctual submission of the necessary returns will enable them in future to furnish the Government with a complete, as well as a punctual, review of this department of their administration. From the report for the past year no less than nine estates are excluded, in consequence of the returns not having been received. Of two other estates, which were released during the year, the returns are blank, as no collections were made during the period for which the estates were nominally under the management of the District Officers. But it is to be observed that no returns for these two estates were given in the previous year's report, and, as the estates were taken charge of in the year 1877, it would seem that no statistics regarding them have ever been furnished to Government. In the Resolution recorded upon the report of last year, the Lieutenant-Governor has recognized the difficulties which must attend the compilation of a report involving the receipt of so many separate returns; but it is not satisfactory to find that apparently in some instances estates may be taken charge of, managed, and released, without any returns of them being ever submitted at all. It is also to be regretted that, in the Narail estate in Jessore, which was taken in charge so long ago as 1870, the managers who have successively been appointed have as yet been unable to furnish any proper accounts of the share under the management of the Court.

2. Notwithstanding these instances of partial want of success, the Lieutenant-Governor is glad to acknowledge the general excellence of the present report, and the evidence which it affords of the careful attention and administrative ability which have been displayed by the Court of Wards and its subordinate officers in dealing with the important interests committed to their charge. It should not be forgotten that the duties of the Court have to be carried out in the face of difficulties of no ordinary kind. If, in the great majority of cases, order has been evolved from chaos; if solvency has been substituted for pecuniary embarrassment; if debts have been paid off without crippling the ancestral property, and rent-rolls have been increased without injustice to the tenants, it must be acknowledged that the agency by which these reforms have been effected has justly earned the approval of Government, and the gratitude of the influential body with whose interests the operations of the Court are most closely connected—the zemindars of the Lower Provinces.

3. Up to the present time, a large portion of the benefits which the Court's administration confers has been given to the estates taken in charge at the expense of the general revenues of the country. An estate under the Court defrays the cost of the salaries of its own manager and his establishment: but it enjoys gratuitously the advantage of the supervision of the Collector, the Commissioner, and the Board of Revenue. The Secretary of State has desired that it may be considered whether some charge may not equitably be imposed upon these estates in view of the benefits which they derive from this superintendence, and an expression of the Board's opinion upon this question is now awaited by Government.

4. The number of estates under the charge of the Revenue authorities at the close of the year 1877-78 was 440.* Of these, 133 were released during the year under review, and 17 new estates were added, making a total of 324 estates under management during 1878-79. These were distributed as follow:—

Division.	Wards' estates	Attached estates.
Burdwan	13	1
Presidency	25	5
Rajshahye and Cooch Behar	22	0
Dacca	23	11
Chittagong	10	1
Patna	30	2
Bhagulpore	11	0
Orissa	10	2
Chota Nagpore	10	148
	154	170

Of the attached estates shown in this table, 148 are petty estates sequestered for debt in the Chota Nagpore Division. Of these estates, 45 have been brought under the provisions of the Chota Nagpore Encumbered Estates Act (VI of 1876), and the remaining 103 estates have been released from attachment since the close of the year.

5. Excluding the eleven estates from which no returns have been received, the current demand of Government revenue on all the estates under the charge of the Revenue authorities was Rs. 23,71,370, and the arrear demand was Rs. 5,18,222, making a total of Rs. 28,89,592. The payments of revenue amounted to Rs. 26,20,683, and the remissions to Rs. 3,041, leaving a balance of Rs. 2,73,125. It is to be observed that in these figures, as well as in those of the succeeding paragraphs, it is understood that the payments include some items properly belonging to the accounts of the following year, and consequently the totals of the payments, remissions, and balances do not agree with the total shown under the head of demand. It would have been better if this apparent discrepancy had been explained in the report. Nearly one-half of the total balance was due from a single estate in the Presidency Division, which was brought under management in the middle of the year. At the same time, since the title of Government to its revenue should take precedence of the claims of all other creditors, no arrears of this kind should be allowed to occur, and the Board have very properly issued a circular on the subject to the officers concerned. It affords a significant comment on the importance to Government of the somewhat stringent provisions of the present sale law, that it should be found that, in estates which are exempted from sale for arrears, the balances of unpaid revenue amount to nearly 10 per cent. on the demand, even though the estates are under the direct control of the officers of Government.

6. The total demand of rent due to superior landlords was Rs. 7,00,458, of which Rs. 4,85,836 were paid, and Rs. 193 remitted, leaving a balance of Rs. 2,14,488. This amount is in excess of the corresponding balance of the previous year, and the explanation given of this increase is not altogether satisfactory.

7. The current demand of rent due to the estates was Rs. 75,43,084, and the arrear demand on account of previous years amounted to Rs. 82,45,202, making a total of Rs. 1,57,88,286. The Lieutenant-Governor observes with satisfaction that these heavy arrears were considerably reduced, the collections of the year having reached the sum of Rs. 79,92,150, or 105 per cent. on the current demand. The collections in the Patna Division, which includes the great estate of Durbhunga, were especially good, amounting to no less than 119 per cent. The remissions were Rs. 20,93,093, of which above 18½ lakhs belonged to the two estates of Satkhira and Durbhunga. In the former of these estates the remissions were of merely a nominal character, as the accounts of previous years included large sums which were never really recoverable. In the Durbhunga estate, an amount of about three lakhs was remitted on account of such causes as failure of crops, reduction of rents, and death or desertion

* In the report for last year, the number was incorrectly given as 444.

of ryots. The balance was Rs. 59,89,461, of which Rs. 26,56,154 represent current, and Rs. 32,83,307 arrear, balance. About three lakhs of this total were not realizable by law before the close of the year, above forty lakhs are in process of recovery, and the remainder is classed as irrecoverable or doubtful.

8. Under instructions from the Secretary of State, the Board were requested to include in their report figures showing the incidence of the road cess and public works cess upon the several estates under management, and the extent to which the estates had been reimbursed for these payments by recoveries from the ryots. This return has not been furnished in a complete form; but the required figures for 130 of the estates under the Court have been given in Appendix C, from which it appears that the estates were entitled to recover about 81 per cent. of the total Government demand on account of these cesses, and that about 83 per cent. of the recoverable amount was actually recovered. The Board remark that native proprietors managing their own estates are in a much better position than the Court of Wards for enforcing the realization of these demands; and it would therefore seem that there is little foundation for the complaint which has sometimes been made, that the law requires landholders to make payments which they have little prospect of afterwards recovering from their under-tenants and ryots.

9. The cost of management of wards' estates was 13 per cent. on the current demand, being somewhat higher than the percentage shown in last year's report. Attached estates were much more cheaply managed, the corresponding charge for them being only 4 per cent., a difference which is ascribed principally to the very low cost at which the extensive Syudpore Trust Estate is managed, this estate being let out in putnee. The total charges for management were Rs. 10,26,551 on a current demand of Rs. 78,59,795. The Board justly observe that no uniform percentage of cost can be looked for; but it seems desirable that in every case in which the charges exceed 20 per cent., a special report, with a view to their reduction, should be called for from the local authorities.

10. The result of the litigation of the year was generally satisfactory. Important suits were carried on in seven estates; and in four of these cases decisions were given in favour of the Court. The suits in the other three cases were still pending at the close of the year.

11. *Burdwan Division.*—The Lieutenant-Governor regrets to see that there has been no improvement in the collections on the Chakdighi estate, the condition of which was unfavourably noticed in the resolution on last year's report. The tenantry are stated to have had an exceedingly prosperous season, and as the estate has been in charge since 1874, any revision of the rent-roll which was necessary should have been long ago carried out. The large estate of Mysadul in Midnapore, with a gross rental of Rs. 4,35,652, and a net income of nearly two lakhs, came under management in February 1878. A large part of the estate having been farmed, the cost of management is small, and the collections of the year were satisfactory. Speedy measures should be taken for investing the large cash balance, if this has not already been done.

12. *Presidency Division.*—Of two important estates in this division, Paikpara and Narail, no returns for the year have been received. Seven-eighths of the Paikpara estate were released in June 1879, and the Collector's summary of the financial results of the Court of Wards' management deserves attention. He writes as follows:—

“This estate came under our charge in 1866, encumbered with a heavy debt of Rs. 14,64,679, and was released in 1879, with every debt discharged and satisfied, with additional landed property to the value of Rs. 56,402 purchased, and with Rs. 26,76,757, in Government securities in hand, and a clear cash balance of Rs. 2,89,000 on the 31st March last.”

It is greatly to be regretted that this fine property, for the improvement of which the officers of Government have laboured so long and so successfully, has not fallen into worthier hands. The present manager of the Narail estate was in charge for only about three months of the year, and could not be expected to furnish returns which his predecessors in office had for several years been unable to prepare. The Lieutenant-Governor trusts that,

during the present year, a strenuous effort will be made to reduce the accounts of the estate to order, and to organize an efficient system for its future management. The remaining important estates in this division are those of Satkhira, Nuddea, and Nushirpore. In all these the expenses of management were small, and the collections of rent were satisfactory, except in Satkhira, where frequent changes in the office of manager caused some falling off. The Lieutenant-Governor observes with much satisfaction the marked improvement which has taken place in the estates in Moorshedabad, since the assumption of office by the present general manager.

13. *Rajshahye and Cooch Behar Division.*—The attention of the Board should be drawn to the high cost of management in several of the Dinagepore estates in this division. The principal estate in the division is the Chaklajat, or zemindary property of the Rajah of Cooch Behar. This estate was successfully administered, and the high cost of management (32 per cent.) is due to operations undertaken for survey and re-settlement, which have resulted in a large increase of the rental.

14. *Dacca Division.*—The only large estate is that of Juggutkishore Acharjya in Mymensingh, which came under the charge of the Court in 1876, heavily burdened with debt. Above four lakhs have since been paid off, but a balance of nearly five lakhs still remains due, and the annual charge for interest is Rs. 33,914. The pendency of a suit in which the minor's title was contested has hitherto somewhat fettered the Court in the management of the property; but this suit has now been decided in the minor's favour, and as the net income of the estate is considerable, it may be hoped that the balance of debt will speedily be liquidated. The estate of Gungagovind Sein in Tipperah was released during the year, after having been in charge of the Court for six years, during which the annual net profits were raised from Rs. 11,484 to Rs. 17,446.

15. *Chittagong Division.*—The estates in this division call for no special remark. The estate of Romesh Chunder Chowdhry was taken charge of by the Court in December 1878, on the application of the minor's grandmother. The accounts are reported to be in a very confused state, and it is probable that a portion of the property will have to be sold to satisfy the outstanding debts.

16. *Patna Division.*—The importance of the Court's operations in this division will appear from the fact that the Government revenue of the estates in charge is Rs. 5,66,313, and that the current annual demand of rent is no less than Rs. 55,42,134. The major part of this is of course due to the returns of the great estate of Durbhunga, which has been released since the close of the year, the Maharajah having been formally installed in possession of his property in September last. The Deo estate in Gya, belonging to Maharajah Sir Joy Prokash Singh, which was taken charge of in 1877 at the owner's request, was restored to him at his instance in July last. The Maharajah apparently entertains insuperable objections to the sale of any portion of the property, though persistence in this course is only too likely to lead to the eventual sacrifice of the whole, as the debts on the estate amount to about ten lakhs of rupees.

The report contains a detailed and interesting account of the management of the Durbhunga estate during the year. Fair progress was made with the survey of the estate, and the irrigation works lately completed in the Khurruckpore division are reported to have been of great benefit. The rent-roll was increased by Rs. 26,737 during the year, and the collections amounted to 125 per cent. on the current demand, the figures being as follow :—

		Demand.	Collections.	Remissions.	Balance.
		Rs.	Rs.	Rs.	Rs.
Current	...	21,65,734	27,16,212	3,09,092	18,05,444
Arrear	...	24,37,028			
Total	...	46,02,762			

The system of direct collections by circle officers, introduced in 1876-77, continued to work satisfactorily. The expenses of management, including the cost of the survey operations, were 15 per cent. on the actual collections. The

litigation of the year was successful, 358 suits having been decided in favour of the Raj, and only 41 against it. The administration was attended by unfavourable results in only two particulars—in the realization of outstanding decrees, and in the recovery of Government cesses from under-tenants and ryots. On the whole, it may be said that the management was conducted upon sound principles efficiently carried out, and that the results are highly creditable to the manager and his subordinates.

The Narhan estate in the Durbhunga district was taken in charge by the Court in June 1877, with debts exceeding $5\frac{1}{4}$ lakhs of rupees, the net income being about $1\frac{1}{4}$ lakhs. The debt has been reduced to a little more than $4\frac{1}{2}$ lakhs, but unless a part of the estate is sold, a sacrifice which the family are very unwilling to incur, it will take 10 or 12 years to free the property from debt. The Board should insist upon more energy being shown in the collection of rent and the recovery of cesses. As a large part of the arrears are due from farmers, there ought to be no great difficulty in realizing the demands.

The management of the estates in the Sarun district appears to call for the vigilant supervision of the Court. The high cost of management is noticed in the report, and the narrative which is given of the administration of the estate of Sheoprasad Parbut is calculated to give rise to serious doubts of the competency of the general manager of wards' estates in the district.

17. *Bhagulpore Division.*—The two principal estates under the Court in this division are the Surjapore estate in Purneah and the Chanchal estate in Maldah, each of which has a net income of nearly a lakh of rupees. The management of the former of these estates was very successful. The debts, which at one time exceeded 12 lakhs of rupees, are being rapidly paid off, and the rent collections of the year were excellent. The minors are being educated at the Waras' Institution at Benares. The returns for the Chanchal estate are not so favourable. The Board are not satisfied with the progress made with the new settlement, and a large sum has been spent upon a suit brought in the name of one of the wards to contest the validity of an adoption made by the other. Under the circumstances of the case, this expenditure could not be avoided, but the Lieutenant-Governor trusts that the Board and the Legal Remembrancer will carefully watch the progress of the litigation, and will see that no unnecessary costs are incurred.

18. *Orissa Division.*—The low cost of management in this division is very noticeable, the average percentage being only 4·5 on the current demand of rent. In the Kanika estate in Cuttack, which is the only large property under the charge of the Court, debts to the amount of Rs. 53,600 were paid off during the year, and it may be hoped that this estate, which was burdened with a debt of Rs. 4,38,041 when taken in charge, will be shown in next year's report as entirely free from debt. The Sukinda estate in Cuttack was taken charge of during the year, under a precept from the Civil Court.

19. *Chota Nagpore Division.*—In the Dhanwar estate in this division the high cost of management is due, it is presumed, to the expenditure on the survey operations. The Lieutenant-Governor observes that the return for last year showed an unpaid debt of Rs. 5,000, and that the same amount is shown in the present report, although there is a considerable cash balance at credit of the estate. In the Chota Nagpore estate, the rent collections are stated to have been better than in previous years, and considerable progress has been made in freeing the property from debt. Altogether, it may be said that this estate is an example of very successful management. When it was taken in charge ten years ago, the debts amounted to nearly five lakhs of rupees; and almost the whole of this has been paid off, while the rent-roll in the same period has been nearly doubled. The suit which has for some time been pending regarding the title of the Maharajah to his estate has been decided in his favour by the Privy Council.

20. During the year, 14 wards were receiving their education at the Calcutta Wards' Institution, at an average cost of Rs. 234 per month. The average is somewhat higher than that of last year, but the increase belongs entirely to the personal expenses of the wards, and is sufficiently accounted for by higher prices. The Board of Revenue recommend that the Institution should be more closely connected with the Department of Public Instruction, and they think it desirable that the present Director, a native gentleman of the

highest literary distinction, but advanced in years, and oppressed by some physical infirmities, should be succeeded by an English educational officer. An annual report hardly seems to be the proper place for the discussion of such a question as this, though the Lieutenant-Governor admits that the appointment of Director is one of which the importance can hardly be rated too high. Although the immediate influence of the Director is confined to a small body of young men, each of these becomes a centre of influence in his turn; and the effect of habits acquired or principles inculcated in the wards' institution may be felt by thousands of humble ryots to whom the Court of Wards is an unknown name. To guide and govern those who will hereafter have to guide and govern others is a duty which demands special qualifications and involves unusual responsibilities.

The Lieutenant-Governor is disposed to doubt the expediency of allowing youths of 19 or 20 years of age to remain in the lower classes of the Hindu school. Such youths have evidently no taste for learning, and they cannot receive, in a large class, the personal attention and supervision which their capacities require. It would be better if arrangements could be made for allowing them to study in the institution itself, under the eye of the resident teacher.

Two wards were removed from the institution during the year and two new wards were admitted. The health of the inmates was uniformly good; active out-door exercise is encouraged, and most of the boys are good riders. The Director reports favourably of their conduct during the year, and of their general attention to the rules of the institution.

21. The new Act for regulating the Court of Wards, Act IX (B.C.) of 1879, which was passed since the close of the year, contains some useful modifications of the former law on the subject. The Board of Revenue is now constituted the Court of Wards for the whole province. The Court is allowed a discretion to undertake or to decline the charge of estates which the Civil Court may desire to place under its management. The grant of leases extending beyond the period of a ward's minority is legalized, and all arrears of rent on account of property under the Court's charge can be recovered by the certificate procedure under Act VII (B.C.) of 1868. These amendments of the law will remove many of the difficulties which have been felt in dealing with these estates.

22. On a general review of the year's administration as detailed in the report, the Lieutenant-Governor is glad to be able to record an opinion that the management of the estates under the Court has on the whole been highly creditable to the officers concerned, and has conduced, in no insignificant measure, to the welfare and prosperity of the country at large. It is estimated that about one-sixteenth of the revenue-paying landed property in these provinces is administered by the Court of Wards. It is no small advantage that so considerable a proportion of the territorial area should be managed on a system which excludes all desire of personal profit or selfish aggrandizement, and which labours only for the benefit of those committed to its charge. Instances may doubtless be pointed out where some officers have mistaken their duties and where others have neglected them, but these errors cannot long escape detection, and when detected, they are promptly remedied. The principles of the Court's administration are, the Lieutenant-Governor believes, entirely sound, though the objects aimed at may sometimes be imperfectly realized. Such partial failures, inseparable as they are from the working of an extensive and complicated system, ought not to detract from the credit due to the Court for the judgment with which it has prescribed the right methods of management, and the general success which has attended its efforts to carry those methods into practice.

By order of the Lieutenant-Governor of Bengal,

H. J. REYNOLDS,

Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement, showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 7th December 1879.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIVN.	1 Burdwan, Dec. 6 '79	Nil	Weather—seasonable. Rice being everywhere harvested; yield reported very fair. Prospects of winter crops also very good. Very little illness reported. Cattle disease in Raneegeunge decreasing.
	2 Bankoora, " 6 "	Nil	Weather—fine and pleasant at beginning of week; latterly cloudy and cold. Reaping and thrashing of early <i>amun</i> nearly at an end. Harvesting of late rice going on. Winter crops being artificially irrigated and doing well in places. Cases of small-pox and cholera reported in thanas Sonamukhi, Kotulpore, and Indas. Public health otherwise good.
	3 Beerbhoom, " 7 "	Nil	Weather—getting colder. Harvest progressing with good outturn. Cold-weather crops promising.
	4 Midnapore, " 6 "	Nil	Weather—seasonable. State and prospects of crops generally favorable.
	5 Hooghly, " 6 "	Nil	Weather—cool. Reaping of <i>amun</i> commenced. Winter crops doing well. Fever and small-pox still prevalent in some villages.
	Howrah, " 8 "	Nil	Weather—seasonable. Reaping going on. All crops in good condition.
<i>Central Districts.</i>			
PRESIDENCY DIVN.	6 24-Pergunnahs, Dec. 6 '79	Nil	Weather—cold. Prospects of <i>amun</i> and winter crops fair. Reaping of <i>amun</i> commenced. Ordinary fever prevails in many places.
	7 Nuddea, " 6 "	Nil	Weather—fine and cool. <i>Amun</i> being reaped, and what there is is excellent. Sowing of winter crops continues. <i>Kalai</i> everywhere good.
	8 Jessore, " 6 "	Nil	Weather—cold and seasonable. <i>Amun</i> beginning to come into market. It has been rather exceptionally good. A little rain would be beneficial for crops.
	9 Moorshedabad, " 6 "	Nil	Weather—seasonable. <i>Haimunti</i> paddy being harvested. <i>Rubbee</i> crops doing well. Isolated cases of fever here and there, but in a mitigated form.
RAJSHAHY AND COOCH BEHAR DIVN.	10 Dinagepore, Dec. 5 '79	Nil	Weather—fair and cold. Winter rice being rapidly harvested. Sugarcane on the whole good. Mustard in flower. Other <i>rubbee</i> crops doing well. Cholera and small-pox prevalent in some parts of district.
	11 Rajshahye, " 6 "	Nil	Weather—cool and fair. Winter rice being cut. Sowing of spring crops still going on. Prospects of all crops in ground good. A few cases of cholera in Nattore. Common rice 16 seers per rupee.
	12 Rungpore, " 5 "	Nil	Weather—cooler. State and prospects of crops continue good. Fever still somewhat prevalent.
	13 Bogra, " 6 "	Nil	Weather—seasonable. To-day (6th) cloudy. Reaping of <i>amun</i> in progress. Other crops doing well. Cholera prevalent in Khetlal and Shibgunge.
	14 Pubna, " 6 "	Nil	Weather—cool and seasonable. Prospects of <i>rubbee</i> crops good. <i>Amun</i> being harvested. Public health in general good, excepting in Seragunge sub-division where cholera raging in a few villages.
	15 Darjeeling, " 5 "	Nil	Weather—clear during day; frost at night. Harvesting of <i>haimunti</i> still going on. State and prospects of other crops good.
	16 Julpigoree, " 6 "	Nil	Bright sunny days; nights rather colder than usual. <i>Haimunti</i> being rapidly harvested; an excellent crop. Mustard and tobacco sowings in full swing.
	Cooch Behar, " 4 "	Nil	Weather—seasonable; getting colder. Late rice mostly ripe, and being cut everywhere. Ryots complain of low prices. Prospects of all crops favorable. Public health good.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL—(Continued.)			
Eastern Districts.			
DACCA DIVN.	17 Dacca, Dec. 6 '79	Nil	Weather—clear, cool, but not cold. Prospects favorable. Rice being rapidly gathered. Winter crops being sown. Public health good.
	18 Furreedpore, „ 7 „	Nil	Weather—seasonable. All crops reported good. Cholera still prevalent here and there.
	19 Backergunge, „ 4 „	Nil	Weather—cold and seasonable. <i>Amun</i> harvest begun all over district; crop very good. Fever still prevalent in Dakhin-Shabazpore, Perozepore and Sudder sub-division, but disappearing in Patuakhaly.
	20 Mymensingh, „ 5 „	Nil	Weather—cool and seasonable. Thick fogs in morning. Prospects of crops favorable.
	21 Tipperah, „ 5 „	Nil	Weather—fine. Prospects of all crops good. <i>Amun</i> being reaped all over district. Outturn expected very good.
CHITTAGONG DIVN.	22 Chittagong, Dec. 9 '79	A few drops	Weather—cloudy and somewhat warm. Harvesting progresses. Crop good, except in cyclone tracts where cholera also continues unabated.
	23 Noakholly, „ 4 „	Nil	Weather—seasonable. Harvesting of early <i>amun</i> going on; outturn good. Prices low. <i>Rubbee</i> crops being sown. General health satisfactory.
	24 Chittagong Hill Tracts, „ 2 „	Nil	Weather—seasonable. Cool and foggy mornings. Prospects of <i>amun</i> and cold-weather crops very good. Sowing of mustard still continues.
	Hill Tipperah, „ 3 „	Nil	Weather—dry. No rain. Reaping of <i>amun</i> continues. Prospects of crops good. Public health good.
BEHAR.			
PATNA DIVN.	25 Patna, Dec. 6 '79	Nil	Weather—seasonable. State and prospects of crops good.
	26 Gya, „ 6 „	Nil	Weather—cold. <i>Aghani dhan</i> being cut. Prospects of <i>rubbee</i> favourable. Fever reported from some places. Health of plough-cattle good.
	27 Shahabad, „ 6 „	Nil	Weather—fine with west wind. <i>Rubbee</i> prospects excellent. <i>Aghani</i> now being harvested very good. Sugarcane suffered from excessive rain and not up to mark. Public health good.
	28 Durbhunga, „ 6 „	Nil	Weather—cool and seasonable. <i>Aghani dhan</i> being harvested. <i>Rubbee</i> promises well. General health good.
	29 Mozufferpore, „ 6 „	Nil	Weather—seasonable, cold, and fair. <i>Aghani</i> rice being harvested. <i>Rubbee</i> sowings doing well. Mortality amongst cattle reported from Sectamurhee sub-division. Prices of food-grains stationary. General health good.
	30 Sarun, „ 6 „	Nil	Weather—bright and seasonably cold. <i>Aghani</i> rice being harvested with good outturn. Prospects of <i>rubbee</i> crops favorable. Prices stationary. Public health good.
	31 Champaran, „ 6 „	Nil	Weather—fine. State and prospects of crops very good. Fever prevalent.
BHAGALPORE DIVISION.	32 Monghyr, „ 6 „	Nil	Weather—cold and clear. Prospects of crops continue good. New rice has come into market. Prices falling.
	33 Bhagulpore, Dec. 6 '79	Nil	Weather—cold and seasonable. Paddy being harvested. Prospects of <i>rubbee</i> crops good. General health good.
	34 Purneah, „ 6 „	Nil	Weather—fine and seasonable. Reaping of <i>aghani</i> crop still in progress. Prospects of <i>rubbee</i> favorable.
	35 Maldah, „ 6 „	Nil	Weather—fine, but not so cold as last week. Winter rice, <i>kalai</i> , and other crops promise well. Health improved, but cases of fever and cholera still occur.
	36 Sonthal Pergahs, „ 6 „	Nil	Weather—seasonable. Crops all good.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
ORISSA.			
ORISSA DIVN.	37 Cuttack, Dec. 6 '79	Nil	Weather—seasonable. Rain still wanted for <i>rubbee</i> crops. Rice being reaped. Partial damage to rice crop on high unirrigated lands. Fever prevalent. A few cases of small-pox reported. Common rice 15½ to 21 seers Calcutta weight.
	38 Pooree, „ 4 „	Nil	Weather—seasonable. <i>Laghu</i> rice being reaped; <i>sarad</i> ripening; prospects good. Prospect of cold-weather crops continues good. Pressing of sugarcane continues. Fever still prevails. Rice being exported to Madras Presidency. Common rice 17 to 21 seers per rupee.
	39 Balasore, „ 5 „	Nil	Weather—seasonable. Harvest now progressing rapidly with moderate outturn. Public health on the whole fair for this time of year.
CHOTA NAGPORE.			
South-West Frontier Agency.			
40	Hazareebagh, Dec. 5 '79	Nil	Weather—seasonable. Prospects of crops satisfactory. General health good.
41	Lohardugga, „ 6 „	Nil	Weather—cold with north wind; clouds gathering. <i>Dhan</i> reaping nearly over. <i>Rubbee</i> prospects continue excellent. General health good. In Palamow sub-division sickness and cattle-disease both much decreased.
42	Singbhoom, „ 5 „	Nil	Weather—seasonable. State and prospects of crops favorable.
43	Manbhoom, „ 6 „	Nil	Weather—clear and cold. Paddy and early <i>rubbee</i> harvest progressing; outturn good.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 9th December 1879.A. MACKENZIE,
Secy. to the Govt. of Bengal.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the under-

Number.	DISTRICTS.	QUANTITIES PER RUPEE BY																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, BAJRA.					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL.																			
Western Districts.																			
1	Burdwan	A	10 0	12 0	18 0	19 0	18 0	15 8	12 12	12 6	16 8	13 8	12 12	...	...	...			
2	Bankoora	B	10 0	9 10	11 4	14 0	14 0	16 0	12 8	13 5	11 8	17 8	16 0	13 12	...	...	...		
3	Beerbhoom	C	11 4	11 4	10 0	...	...	14 0	13 8	9 0	16 8	16 0	12 0	...	...	...			
4	Midnapore	D	10 0	10 0	11 0	...	...	10 0	10 0	10 0	13 0	13 0	13 8	...	...	...			
5	Hooghly	E	11 0 to 11 8	11 0 to 11 8	12 0	...	...	8 0	8 0	8 0	10 8	10 8	10 0	...	...	...			
	Howrah	F	10 8	10 8	10 8	...	...	9 8	9 8	8 0	16 0	16 0	11 0	...	...	...			
Central Districts.																			
	Calcutta	G	11 4	10 7	11 4	13 0	16 0	21 0	5 11	5 11	6 2	10 0	10 0	10 0	...	...	...		
6	24-Pergunnahs	H	...	...	...	...	...	6 6	6 8	6 4	11 6	10 8	8 8	...	...	...			
7	Nuddea	I	11 0	11 0	11 14	13 5	12 5	16 0	10 0	10 0	8 7	12 5	12 5	10 3	...	...	...		
8	Jessore	J	12 0	12 0	11 0	...	...	10 8	10 0	7 8	16 0	16 0	12 0	...	...	...			
9	Moorshedabad	K	10 8	10 0	12 0	...	...	10 8	11 0	10 8	15 0	13 0	12 0	...	...	...			
10	Dinapore	L	9 9 ³ / ₄	9 10	10 13	14 0	14 0	10 8	12 0	12 0	10 13	13 12 ¹ / ₂	15 8	14 6	...	...	...		
11	Rajshahye	M	12 0	11 0 to 11 11	12 0	15 12	15 0	22 0	9 12 to 12 0	9 12 to 12 0	9 0 to 9 4	12 0 to 15 0	12 12 to 13 8	12 0	...	...	...		
12	Rungpore	N	11 6	11 0	11 0	...	...	9 4	10 0	9 0	13 14 ¹ / ₂	13 0	10 0	...	...	...			
13	Bogra	O	10 14	9 12	12 0	...	...	12 0	12 0	11 0	19 8	17 4	13 8	...	...	...			
14	Pubna	P	9 12	12 0	12 12	...	...	8 0	8 0	6 0	16 8	18 0	12 12	...	...	...			
15	Darjeeling	Q	8 0	8 0	8 0	8 0	8 0	8 0	4 0	4 0	4 0	10 0	8 0	9 0	...	...	...		
16	Julpigoree	R	8 0	8 0	8 0	...	...	10 8	6 6	8 0	18 0	13 5	10 0	...	...	...			
Eastern Districts.																			
17	Dacca	S	10 8	11 5	11 4	13 5	13 5	...	14 8	13 5	8 14	17 10	20 0	11 7	...	...	...		
18	Furreedpore	T	13 0	13 0	12 0	...	...	14 0	6 8	6 8	6 0	18 0	14 8	11 0	...	...	...		
19	Backergunge	U	...	...	...	...	...	12 0	10 0	9 0	16 0	12 4	12 0	...	...	...			
20	Mymensingh	V	10 0	9 8	9 4	...	...	...	14 0	12 0	10 0	18 0	14 0	11 0	...	...	...		

A In the interior the prices range as follow :—Wheat 10¹/₂ to 12¹/₂ seers, barley 13¹/₂ to 16 seers, best rice 11¹/₂ to 14¹/₂ seers, common rice 13¹/₂ to 19¹/₂ seers, and gram 10 to 13¹/₂ seers.

B In the interior the prices range as follow :—Wheat 9¹/₂ to 12 seers, barley 17 to 34 seers, best rice 11¹/₂ to 16 seers, common rice 12¹/₂ to 18 seers, maize or Indian-corn 28 to 32 seers, and gram 8 to 12 seers.

C In the interior the prices range as follow :—Wheat 10 to 13 seers, best rice 12 to 17¹/₂ seers, common rice 14¹/₂ to 20 seers, and gram 10 to 12 seers.

D In the interior the prices range as follow :—Wheat 11 to 13 seers, barley 10 seers, best rice 8 to 10¹/₂ seers, common rice 10¹/₂ to 14¹/₂ seers, and gram 10 to 11¹/₂ seers.

E In the interior the prices range as follow :—Wheat 10 to 10³/₄ seers, barley in Kidderpore 13¹/₂ seers, best rice 6¹/₄ to 7 seers, common rice 10¹/₂ to 14 seers, maize or Indian-corn in Khidderpore 16 seers, and gram 10¹/₂ to 10³/₄ seers.

F In the interior the prices range as follow :—Wheat 10 to 13 seers, barley 14 to 20 seers, best rice 7 to 10¹/₂ seers, common rice 11¹/₂ to 16 seers, and gram 9 to 10¹/₂ seers.

G In the interior the prices range as follow :—Wheat 6 to 12 seers, best rice 7 to 13¹/₂ seers, common rice 19 to 21 seers, and gram 8 to 10 seers.

H In Jungpore the prices are—Wheat 12 seers, best rice 16 seers, common rice 18 seers, bulrush millet 20 seers, and gram 13 seers.

mentioned Districts of Bengal for the Fortnight ending 30th November 1879.

THE SEER OF 80 TOLAHS.

GRAT MILLET— CHOLU, JOWAR.			LESSER MILLETS— RAGI OR MURWA AND CHERNA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
BENGAL.																		
Western Districts.																		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
...	...	...	...	...	...	...	...	...	11 8	11 0	10 4	90 0	90 0	100 0	9 8	9 8	10 8	Burdwan.
...	...	...	...	...	...	31 0	31 0	24 0	10 10	10 10	10 8	280 0	280 0	360 0	8 8	9 0	9 0	Bankoora.
...	...	...	...	...	...	16 8	26 8	24 0	10 8	10 2	9 8	200 0	120 0	120 0	8 8	8 8	8 8	Beerbhoom.
...	...	...	...	...	...	...	...	...	10 0	10 8	9 8	160 0	160 0	180 0	9 0	9 0	9 0	Midnapore.
...	...	...	...	...	...	...	...	...	11 0	11 0	{ 9 8 to 10 0 }	120 0	120 0	120 0	9 0	9 0	9 0	Hooghly.
...	...	...	...	...	...	...	...	...	11 0	11 0	10 8	90 0	90 0	110 0	10 0	10 0	9 12	Howrah.
Central Districts.																		
16 0	13 5	...	...	...	...	16 0	16 0	21 0	12 5	11 8	11 4	90 0	90 0	66 0	10 0	10 0	8 0	Calcutta.
...	...	...	...	...	...	...	...	...	10 10	10 10	10 4	90 0	90 0	90 0	9 0	9 0	9 0	24-Pergunnahs.
...	...	...	...	...	...	...	...	...	11 4	11 4	10 3	100 0	100 0	100 0	9 6	9 6	9 11	Nuddea.
...	...	...	...	...	...	...	...	...	10 0	10 0	10 0	110 0	110 0	110 0	8 0	8 0	8 0	Jessore.
...	...	...	...	...	...	...	...	...	11 0	11 0	10 0	120 0	120 0	120 0	{ 7 0 to 9 0 }	{ 7 0 to 8 8 }	{ 8 0 to 10 0 }	Moorshedabad.
...	...	...	...	...	...	...	...	...	9 9½	9 8	8 0	180 0	180 0	180 0	8 4	8 4	8 4	Dinapore.
...	...	...	...	...	...	...	...	...	12 0	11 0	9 12	240 0	240 0	{ 200 0 to 240 0 }	{ 9 0 to 7 7 }	{ 9 0 to 7 7 }	{ 9 0 to 7 7 }	Rajshahye.
...	...	...	...	...	...	...	...	...	9 0	9 0	9 0	100 0	100 0	107 0	7 14	7 14	6 0	Rungpore.
...	...	...	...	...	...	...	...	...	9 15	9 12	9 15	67 8	67 8	67 8	8 4	8 8	8 10	Bogra.
...	...	...	...	...	...	...	...	...	9 12	12 0	6 0	200 0	200 0	200 0	9 0	9 0	9 0	Pubna.
...	...	...	8 0	8 0	9 0	16 0	16 0	16 0	6 0	6 0	6 0	100 0	100 0	100 0	4 8	4 8	5 0	Garjeeling.
...	...	...	...	...	...	...	...	...	8 0	8 0	8 0	64 0	64 0	64 0	8 0	8 0	6 5	Julpigoree.
Eastern Districts.																		
...	...	...	...	...	...	...	...	...	10 12	11 7	8 8	90 0	100 0	106 0	9 0	9 0	9 0	Dacca.
...	...	...	...	...	...	...	...	...	9 0	9 0	8 0	...	...	...	9 0	9 0	9 0	Furreedpore.
...	...	...	...	...	...	...	...	...	10 0	10 0	9 0	100 0	100 0	100 0	8 8	8 8	9 0	Backergunge.
...	...	...	...	...	...	...	...	...	10 12	10 12	8 0	...	...	...	8 12	8 12	8 8	Mymensingh.

- I In Roygunge the prices are—Wheat 10 seers, best rice 14 seers, common rice 17 seers, and gram 10 seers.
 J In Nattore the prices are—Wheat 10½ seers, best rice 8½ seers, common rice 12 seers, and gram 9½ seers.
 K In the interior the prices range as follow :—Wheat 11½ to 15 seers, best rice 8½ to 18 (new *amun*) seers, common rice 12 to 20 seers, and gram 8 to 9 seers.
 L In Serajgunge the prices are—Wheat 13 seers, best rice 8 seers, common rice 14 seers, and gram 10 seers.
 M In the interior the prices range as follow :—Best rice 5 to 10 seers, common rice 13 to 14 seers, lesser millets (at Kurseong) 12 seers, maize or Indian-corn (at Kurseong) 13 seers, and gram 6 to 7 seers.
 N In the interior the prices range as follow :—Best rice 8½ to 10 seers, common rice 11 to 26½ seers, and gram 5 to 8½ seers.
 O In the interior the prices range as follow :—Best rice 13 to 16 seers, common rice 20 seers, and gram 10 to 11 seers.
 P In the interior the prices range as follow :—Wheat in Goalundo 12½ seers, barley in Goalundo 6 seers, best rice 10 to 12 seers, common rice 18 to 22 seers, and gram in Goalundo 8 seers.
 Q In the interior the prices range as follow :—Best rice 12 to 16½ seers, common rice 14 to 18 seers, and gram 8 seers.
 R In the interior the prices range as follow :—Wheat 10 to 13 seers, best rice 8 to 16 seers, common rice 16 to 25 seers, and gram 8½ to 10½ seers.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the under-

Number.	DISTRICTS.	QUANTITIES PER RUPEE BY																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, BAJRA.					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
Eastern Districts.—(Contd.)																			
21	Chittagong	S 9 0	S. Ch 9 0	S. Ch 9 0	...	...	...	S 10 8	S. Ch 11 0	S. Ch 11 0	S 20 0	S. Ch 16 0	S. Ch 13 0	...	...	...			
22	Noakholly	T ...	...	...	...	...	...	S 18 0	S. Ch 17 0	S. Ch 10 0	S 22 0	S. Ch 21 0	S. Ch 12 0	...	...	...			
23	Tipperah	...	10 0	10 8	10 0	...	...	...	17 4	17 8	8 8	32 4	25 0	14 0	...	...	...		
24	Chittagong Hill Tracts	...	...	...	...	...	...	...	11 2	11 10	10 0	16 0	13 3	11 8	...	...	...		
	Hill Tipperah	...	8 5	8 5	8 0	...	...	...	11 0	13 0	10 0	22 0	22 0	16 0	...	...	...		
BEHAR.																			
25	Patna	U 14 6	12 12	15 0	24 8	25 0	20 0	10 0	10 0	10 8	17 0	16 0	16 8	...	...	...			
26	Gya	V 15 0	14 0	12 8	21 0	21 0	11 8	9 0	9 0	9 0	18 0	16 8	16 0	...	...	...			
27	Shahabad	W 12 8 to 13 8	12 8	13 0 to 14 8	20 0	20 0	16 0	14 0 to 15 0	14 0	11 8 to 12 6	16 0	15 0	14 0 to 15 0	19 0	20 0	...			
28	Durbhunga	X 11 0	12 0	14 0	16 0	18 0	16 8	10 0	10 0	11 0	12 0	13 0	14 8	...	...	...			
29	Mozufferpore	Y 13 0	13 0	13 0	20 0	20 0	16 0	9 0	9 0	10 0	15 0	15 0	16 0	...	...	...			
30	Sarun	Z 12 0	11 8	13 0	21 0	19 0	10 8	7 0	6 12	7 8	16 4	14 8	15 0	...	...	...			
31	Chumparun	Z 13 0	13 0	11 0	...	25 0	18 0	12 0	11 0	9 0	19 0	18 0	20 0	...	...	...			
32	Monghyr	Z1 12 1	12 9	15 12	15 12	15 12	14 11	10 8	10 8	9 7	17 13	15 12	14 11	...	...	...			
33	Bhagulpore	Z1 12 0	11 6	12 5	18 14	16 6	15 2	13 4	12 10	10 1	15 2	15 2	12 10	...	...	...			
34	Purneah	Z2 14 0	13 4	15 0	...	...	...	16 0 to 17 0	12 8	16 0	20 0	16 0 to 18 0	18 0 to 20 0	...	...	...			
35	Maldah	Z3 11 8	11 0	13 0	...	...	...	12 0	11 0	13 0	14 0	13 0	16 0	...	...	...			
36	Sonthal Pergunnahs	Z3 11 0	10 0	10 0	...	10 0	...	17 0	14 0	11 0	20 0	18 0	17 0	...	...	...			
ORISSA.																			
37	Cuttack	...	11 13	11 13	11 13	...	...	...	11 13	11 13	9 3	15 12*	15 12	14 1	...	...	...		
38	Pooree	...	10 8	10 8	10 8	...	...	...	10 8	10 8	7 14	17 1	17 1	11 13	...	...	...		
39	Balasore	...	8 0	8 0	9 0	...	...	...	13 0	13 0	10 8	17 0	16 0	12 0	...	...	...		
CHOTA NAGPORE.																			
South-Western Frontier Agency.																			
40	Hazareebagh	Z4 11 0	11 8	10 8	18 0	...	...	...	10 0	10 8	9 8	24 0	24 0	18 0	...	...	...		
41	Lohardugga	Z5 9 0	9 0	10 0	...	...	...	...	24 0	24 0	16 0	30 0	30 0	20 0	...	...	...		
42	Singbhoom	Z6 8 0	7 8	7 0	20 0	20 0	20 0	12 0	12 0	10 0	28 0	24 0	18 0	...	...	...			
43	Manbhoom	Z6 9 8	9 0	10 0	24 0	24 0	...	12 0	12 0	11 0	23 0	20 0	16 0	...	...	...			

* In the interior the price of common rice varies from 15½ to 21 seers per rupee.

S In the interior the prices range as follow:—Best rice 12½ to 24 seers, and common rice 14 to 26 seers.

T In the interior the prices range as follow:—Best rice 12½ to 21 seers, and common rice 16½ to 32 seers.

U In the interior the prices range as follow:—Wheat 12½ to 14 seers, barley 22½ to 25 seers, best rice in Jehanabad 8 seers, common rice 15½ to 21 seers, lesser millets in Nowada 35 seers, maize or Indian-corn 22½ to 27 seers, and gram 14 to 16 seers.

V In the interior the prices range as follow:—Wheat 13½ to 14½ seers, barley 20 to 21 seers, best rice 11 to 11½ seers, common rice 16 to 21 seers, bulrush in Buxar 19 seers, great millet in Buxar 18½ seers, lesser millets in Buxar 15 seers, maize or Indian-corn in Buxar 19 seers, and gram 14 to 16 seers.

W In the interior the prices range as follow:—Wheat 12½ to 14 seers, barley 20 to 25 seers, best rice 8 to 16 seers, common rice 14 to 20 seers, murwa 20 to 25 seers, maize or Indian-corn 21 to 24 seers, and gram 13 to 16 seers.

X In the interior the prices range as follow:—Wheat 12 to 20 seers, barley 20 to 30 seers, best rice 9 to 20½ seers, common rice 13 to 25 seers, lesser millets 24 to 30 seers, maize or Indian-corn 20 to 32½ seers, and gram 14 to 23 seers.

Y In the interior the prices range as follow:—Wheat 14 to 20 seers, barley 20 to 30 seers, best rice 11 to 17 seers, common rice 14 to 23 seers, lesser millets 25 to 27 seers, maize or Indian-corn 24 to 35 seers, and gram 12 to 20 seers.

mentioned Districts of Bengal for the Fortnight ending 30th November 1879.—(Contd.)

THE SEER OF 80 TOLAHS.

THE SEER OF 80 TOLAHS.

GREAT MILLET— CHOLU, JOWAR.			LESSER MILLETS— RAGI OR MURWA AND CHHENA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
...	...	...	...	...	...	...	...	...	9 0	9 0	7 8	120 0	120 0	120 0	10 0	10 0	8 0	Chittagong.
...	...	...	...	...	...	...	...	...	5 8	5 8	6 0	...	...	...	8 0	8 0	8 0	Noakhelly.
...	...	...	...	...	...	...	...	...	10 0	10 8	8 0	...	...	...	8 12	8 12	8 12	Tipperah.
...	...	...	...	...	...	...	...	...	...	...	...	320 0	320 0	320 0	6 6	8 0	8 0	Chittagong Hill Tracts.
...	...	...	...	...	...	...	...	...	8 0	8 0	8 5	...	...	...	8 0	8 0	8 0	Hill Tipperah.
Eastern Districts.—(Contd.)																		
BEHAR.																		
...	...	...	...	...	...	22 0	22 0	32 0	17 8	15 0	14 0	140 0	160 0	140 0	8 12	8 12	8 0	Patna.
...	...	...	27 0	27 0	30 0	23 8	23 8	26 0	16 0	15 0	11 0	140 0	140 0	160 0	8 8	8 8	8 0	Gya.
17 8	19 8	25 0	16 0	14 0	25 0	...	...	{ 27 0 to 28 0 }	{ 14 8 to 15 0 }	{ 10 0 to 11 0 }	120 0	120 0	160 0	9 0	9 0	9 0	9 0	Shahabad.
...	...	...	20 0	19 0	27 8	20 0	19 0	34 0	16 0	14 0	12 0	160 0	120 0	143 0	8 0	7 12	8 12	Durbhunga.
...	...	...	...	...	...	20 0	20 0	32 0	...	15 0	12 0	120 0	120 0	140 0	8 8	8 8	8 0	Mozufferpore.
19 0	18 0	32 0	21 4	21 0	28 8	0 0	18 8	29 4	14 0	14 0	11 8	180 0	200 0	200 0	8 8	8 8	8 8	Sarun.
...	...	...	...	...	...	26 0	26 0	35 0	17 0	17 0	9 0	...	...	...	8 0	8 0	8 0	Chumpanu.
...	...	...	...	...	...	17 13	17 13	29 6	12 9	12 9	11 1	105 0	105 0	168 0	8 6	8 6	8 6	Monghyr.
...	...	...	...	...	...	18 14	17 11	29 0	13 4	12 10	11 6	126 4	126 4	139 0	8 13	8 13	8 13	Bhagulpore.
...	...	...	...	...	...	...	...	...	13 0	12 4	10 0	120 0	120 0	160 0	8 0	8 0	8 0	Purneah.
...	...	...	...	...	...	...	...	...	11 0	11 0	10 0	140 0	140 0	120 0	9 0	9 0	8 8	Maldah.
...	...	...	...	...	...	30 0	20 0	35 0	10 8	10 0	10 0	200 0	200 0	200 0	8 0	8 0	8 0	Sontal Pergla.
ORISSA.																		
...	...	...	9 3	...	10 8	...	...	...	14 7	14 7	15 12	160 0	160 0	200 0	11 0	11 0	11 0	Cuttack.
...	...	...	...	...	...	...	...	...	11 13	13 2	11 13	100 0	100 0	109 0	11 13	11 13	10 8	Pooree.
...	...	...	...	...	...	...	...	...	8 0	8 0	7 0	140 0	160 0	120 0	9 0	9 0	7 0	Balasore.
CHOTA NAGPORE.																		
South-Western Frontier Agency.																		
...	...	...	36 0	36 0	27 8	30 0	32 0	24 8	13 8	13 8	8 8	200 0	200 0	240 0	8 0	8 0	8 0	Hazareebagh.
...	...	...	46 0	50 0	32 0	36 0	40 0	22 0	10 0	10 0	10 0	160 0	160 0	160 0	7 8	7 0	6 8	Lohardugga.
...	...	...	...	...	...	...	...	...	12 0	12 0	10 0	160 0	160 0	240 0	7 4	7 0	6 0	Singbhoom.
32 0	32 0	...	64 0	64 0	64 0	34 0	34 0	32 0	10 0	10 0	9 0	120 0	150 0	130 0	8 0	8 0	7 8	Manbhoom.

- Z In Begu Serai the prices are—Wheat 11½ seers, barley 19½ seers, best rice 10 seers, common rice 14 seers, jowar 17½ seers, murwa 20 seers, maize or Indian-corn 17 seers, and gram 13 seers.
- Z1 In the interior the prices range as follow:—Wheat 12½ to 16 seers, best rice 14 to 17 seers, common rice 15 to 20 seers, murwa 25 to 30 seers, maize or Indian-corn in Banka 20 seers, and gram 11½ to 12 seers.
- Z2 In the interior the prices range as follow:—Wheat 9 to 13½ seers, best rice 14 to 20 seers, common rice 15 to 22 seers, and gram 8 to 13 seers.
- Z3 In the interior the prices range as follow:—Wheat 11½ to 13½ seers, barley 20 to 21 seers, best rice 12 to 20 seers, common rice 18 to 24 seers, maize or Indian-corn 22 to 30 seers, and gram 11 to 16 seers.
- Z4 In the interior the prices range as follow:—Wheat 12 to 14 seers, barley 20 to 22 seers, best rice (at Chitra) 14 seers, common rice 24 to 27 seers, lesser millets 37½ to 40 seers, maize or Indian-corn (at Khurruodeha) 27 seers, and gram 12 to 17 seers.
- Z5 In the interior the prices range as follow:—Wheat 12½ to 16 seers, barley in Daltongunge 23½ seers, best rice 20 to 26 seers, common rice 23 to 36 seers, mohwa in Daltongunge 24 seers, murwa in Lohardugga 45 seers, and gram 14 to 16 seers.
- Z6 In the interior the prices range as follow:—Wheat 7 to 9 seers, barley (at Govindpore) 20 seers, best rice 20 to 22 seers, common rice 22 to 24 seers, bulrush millet 16 to 32 seers, lesser millets 40 seers, maize or Indian-corn 36 to 50 seers and gram 7 to 10 seers.

Published for general information.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains Firewood, and Salt in

Number.	MARTS.	PRICES PER MAUND														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULBUSH MILLET— CUMBOO, BAJRA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 9 0	3 14 0	3 8 6	3 0 0	2 8 0	1 14 6	7 0 0	7 0 0	6 8 6	4 0 0	4 0 0	4 0 0	...	...	...
2	Serajgunge ...	3 0 0	3 6 0	4 0 0	...	...	...	4 8 0	4 4 0	6 0 0	2 12 0	3 2 0	4 12 0	...	...	...
3	Dacca ...	3 12 0	3 10 0	3 8 0	3 0 0	3 0 0	...	2 10 0	2 14 0	4 0 0	2 2 0	1 14 0	3 0 0	...	...	...
4	Naraingunge ...	...	...	...	...	...	...	2 10 0	2 8 0	3 14 0	2 0 0	1 12 0	3 8 0	...	...	...
5	Chittagong ...	...	...	...	...	...	...	3 8 0	3 12 0	3 8 0	1 14 0	2 12 0	3 0 0	...	...	...
6	Patna ...	2 14 0	3 3 0	2 10 9	1 9 3½	1 10 3	2 0 0	4 0 0	4 0 0	3 12 6	2 8 0	2 8 0	2 7 0	...	...	...
7	Balasore ...	5 0 0	5 0 0	4 6 0	...	...	...	3 2 0	3 2 0	3 12 0	2 5 6	2 8 0	3 2 0	...	...	...
8	Pooree ...	...	...	...	...	...	...	...	...	...	2 6 0	2 10 0	4 7 1	...	...	...
9	Cuttack ...	3 4 0	3 4 0	3 4 0	...	...	...	3 4 0	3 4 0	4 3 0	2 5 0	2 5 0	2 12 0	...	...	...

CALCUTTA,

The 9th December 1879.

the undermentioned Marts of Bengal for the Fortnight ending 30th November 1879.

OF 40 SEERS.

GREAT MILLET— CHOLU, JOWAR.			LESSER MILLET— RAGI OR MURWA AND CHERNA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 8 03	03 00	...	...	...	...	2 8 02	02 80	1 14 03	5 0	3 8 03	89 06	30 63	99 00	4 0 04	00 48	00 48	00 80	Calcutta.
...	...	...	...	...	...	...	...	...	3 12 0	3 11 05	00 00	...	...	...	4 6 04	4 0 46	00 60	Serajungo.
...	...	...	...	...	...	...	...	...	3 11 0	3 6 04	60 00	06 00	60 50	4 3 04	20 43	00 30	...	Dacca.
...	...	...	...	...	...	...	...	...	3 12 0	3 10 04	00 00	08 00	53 12	4 6 04	70 44	00 40	...	Naraingungo.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong.
...	...	...	...	...	...	1 13 01	13 0	1 4 02	5 0	2 10 62	13 90	4 90	4 00	4 9	4 10 04	10 05	00 00	Patna.
...	...	...	...	...	...	...	...	...	5 0 0	5 0 05	00 00	03 60	4 00	5 4	4 6 04	6 0 52	00 20	Balasore.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pooree.
...	...	...	4 3 0	...	3 8 0	...	...	...	2 10 0	2 10 02	5 0	0 4 0	0 4 0	0 3 0	3 8 0	3 8 0	3 6 0	Cuttack.

Published for general information.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCKS IN HAND AS COMPILED ON—												
NAMES OF MARKS.	1st week of Dec. 1878.	1st week of Feb. 1879.	1st week of Mar. 1879.	1st week of April 1879.	1st week of May 1879.	1st week of June 1879.	1st week of July 1879.	1st week of Aug. 1879.	1st week of Sept. 1879.	1st week of Oct. 1879.	1st week of Nov. 1879.	1st week of Dec. 1879.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatia	2,13,900	5,29,800	8,31,500	6,09,000	5,19,000	5,04,500	4,71,000	4,54,000	2,59,500	3,94,000	3,23,200	1,99,000
Ooltadanga	28,300	37,300	47,400	50,000	68,200	58,000	46,500	53,000	11,500	35,500	37,400	27,900
Chitpore, Golabaree, Coomer- tooly, Halkola, and Culp Ghat.	2,60,400	3,51,100	4,53,800	4,68,200	3,64,900	3,77,600	3,85,300	4,63,500	4,60,100	6,61,400	5,91,700	4,85,400
Pathariachatta, Pesta, and Jorabagan.	9,900	16,800	28,500	37,000	24,200	24,700	18,000	22,200	32,900	31,000	28,500	23,700
Tollymore, Chittah, Kidderpore, and Moonsikrunge.	40,800	1,20,800	1,60,200	1,44,100	1,08,500	1,01,800	1,08,900	1,06,400	57,000	68,900	69,200	50,200
21 Minor Bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated.)	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Bodiyabatty, Nowabgunge, Bhuddresur, and Chander- nagore.	1,02,412	67,763	95,480	85,897	62,705	76,925	61,476	51,912	64,014	77,494	65,260	28,506
Total ...	11,52,712	16,43,553	21,04,580	18,84,297	16,38,505	16,23,525	15,81,176	16,41,612	19,73,914	17,45,234	16,05,260	13,94,796
On Railway premises both sides the river.	25,684 (on 2nd December.)	23,410 (on 3rd Jan. 79.)	2,300 (on 3rd March 79.)	2,776 (on 3rd April 79.)	3,104 (on 3rd May 79.)	3,506 (on 3rd June 79.)	2,802 (on 3rd July 79.)	6,374 (on 4th Aug. 79.)	5,256 (on 3rd Sept. 79.)	4,328 (on 3rd Oct. 79.)	1,259 (on 4th Nov. 79.)	2,756 (on 5th Dec. 79.)
On boats un- loaded as by turns.	58,770 (29th Nov. to 1st Dec.)	59,664 (1st to 3rd Nov. 79.)	44,739 (1st to 3rd March 79.)	33,792 (1st to 3rd April 79.)	18,214 (1st to 3rd May 79.)	28,302 (31st May to 2nd June 79.)	36,377 (1st to 3rd July 79.)	42,961 (1st to 3rd Aug. 79.)	27,287 (1st to 3rd Sept. 79.)	37,113 (1st to 3rd Oct. 79.)	19,590 (1st to 3rd Nov. 79.)	22,318 (3rd to 5th Dec. 79.)
Canal returns...	11,646 (29th Nov. to 1st Dec.)	73,768 (1st to 3rd Jan. 79.)	46,699 (1st to 3rd March 79.)	13,901 (1st to 3rd April 79.)	7,313 (1st to 3rd May 79.)	3,215 (31st May to 2nd June 79.)	12,748 (1st to 3rd July 79.)	4,948 (1st to 3rd Aug. 79.)	12,483 (1st to 3rd Sept. 79.)	21,128 (1st to 3rd Oct. 79.)	22,083 (1st to 3rd Nov. 79.)	8,432 (3rd to 5th Dec. 79.)
Grand Total of Stocks ...	12,48,812	17,69,274	21,98,009	19,34,796	16,07,136	16,08,698	16,38,103	16,85,895	14,18,829	18,10,833	16,48,132	13,42,293
Probable stocks available for exportation by sea.	2 lakhs.	4 lakhs.	10 lakhs.	8½ lakhs.	6 lakhs.	6 lakhs.	5½ lakhs.	6½ lakhs.	5½ lakhs.	7½ lakhs.	6 lakhs.	3 lakhs.

A. MACKENZIE,
Secy. to the Govt. of Bengal.

STATISTICAL DEPARTMENT,
The 6th December 1879.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 18th to 22nd Nov. 1879.	Rain from 23rd to 29th Nov. 1879.	RAIN FROM 1st JANUARY 1879.		REMARKS.
					Inches.	Up to date.	
BENGAL.							
BURDWAN.	WESTERN DISTRICTS.		Inches.	Inches.	1879.		
	Burdwan ...	Burdwan ...	Nil.	Nil.	40.91	29th Nov.	
		Cutwa ...	ditto	ditto	44.98	ditto	
		Culna ...	ditto	ditto	51.58	ditto	
		Raneegunge ...	ditto	ditto	39.27	ditto	
	Bankoora ...	Bankoora ...	ditto	ditto	47.89	ditto	
		Bishenpore ...	ditto	ditto	13.91	ditto ...	From 30th August.
	Beerbhoom ...	Sooree ...	ditto	ditto	48.90	ditto	
		Hetampore ...	ditto	ditto	51.53	ditto	
		Roypur ...	ditto	ditto	35.29	ditto	
		Rampore Haut ...	ditto	ditto	56.08	ditto	
	Midnapore ...	Midnapore ...	ditto	ditto	38.75	ditto	
		Tumlook ...	ditto	ditto	33.85	ditto ...	Not received 9th to 15th Nov.
		Ghattal ...	ditto	ditto	34.51	ditto	
		Contain... { Dy. Collr.'s Office... Exe. Engr.'s Office	ditto	ditto	47.57	ditto	
	Hooghly ...	Hooghly ...	ditto	ditto	41.24	ditto	
		Serampore ...	ditto	ditto	44.70	ditto	
		Jehanabad ...	ditto	ditto	50.15	ditto	
	Howrah ...	Howrah ...	ditto	ditto	42.65	ditto	
		Maheshrakha ...	ditto	ditto	34.24	ditto	
PRESIDENCY.	CENTRAL DISTRICTS.						
	24-Pergunnahs ...	Saugor Island ...	ditto	ditto	48.72	ditto	
		Alipore ... { Observatory Dispensary	ditto	ditto	46.12	ditto	
		Alipore ... { Dispensary Jail	ditto	ditto	44.33	ditto	
		Busseerhat ...	ditto	ditto	44.25	ditto	
		Baraset ...	ditto	ditto	45.94	ditto	
		Diamond Harbour ...	ditto	ditto	43.78	ditto	
		Barripore ...	ditto	ditto	43.93	ditto	
		Satkhira ...	ditto	ditto	46.45	ditto	
		Barrackpore ...	ditto	ditto	44.37	ditto	
		Dum-Dum ...	ditto	ditto	42.39	ditto	
	Nudda ...	Kishnaghur ...	ditto	ditto	48.24	ditto	
		Bongong ...	ditto	ditto	54.45	ditto	
		Meherpore ...	ditto	ditto	46.90	ditto	
		Chooadanga ...	ditto	ditto	59.86	ditto	
		Kooshtea ...	ditto	ditto	77.63	ditto	
	Jessore ...	Ranaghat ...	ditto	ditto	66.07	ditto	
		Jessore ...	ditto	ditto	53.39	ditto	
		Narail ...	ditto	ditto	50.27	ditto	
		Khoolna ...	ditto	ditto	42.30	ditto	
Jhenidah ...		ditto	ditto	56.19	ditto		
Moorshedabad ...	Bagirhat ...	ditto	ditto	63.18	ditto		
	Magoorah ...	ditto	ditto	43.84	ditto		
	Berhampore ...	ditto	ditto	56.19	ditto		
	Lalbagh ...	ditto	ditto	62.20	ditto		
	Jungypore ...	ditto	ditto	59.79	ditto		
RAJSHAHY.	Dinapore ...	Lalbagh ...	ditto	ditto	60.81	ditto	
		Azimungunge ...	ditto	ditto	54.01	ditto	
		Lalgolla ...	ditto	ditto	63.46	ditto	
		Kaudee ...	ditto	ditto	64.87	ditto	
		Dinapore ...	ditto	Not recd.	86.89	22nd Nov.	
	Maldah ...	Raigunge ...	ditto	ditto	62.84	ditto	
		Mohadebpore ...	ditto	ditto	91.76	ditto	
		Chooramon ...	ditto	ditto	80.85	ditto ...	From 9th March
		Maldah ...	ditto	Nil.	71.58	29th Nov.	
		Chanchal ...	ditto	ditto	75.44	ditto	
Rajshahye ...	Bauleah ...	ditto	ditto	86.70	ditto		
	Nattore ...	ditto	ditto	66.48	ditto		
	Rangpore ...	ditto	ditto	108.98	ditto		
	Bhabanigunge ...	ditto	ditto	79.54	ditto		
	Kurigram ...	ditto	ditto	87.03	ditto		
COCH BEHAR.	Bogra ...	Bagdogra ...	ditto	ditto	126.74	ditto	
		Bogra ...	ditto	ditto	71.79	ditto	
		Sherpur ...	ditto	ditto	80.63	ditto	
		Nowkhilla ...	ditto	ditto	64.15	ditto	
		Panchbibi ...	ditto	ditto	78.45	ditto	
	Pubna ...	Pubna ...	ditto	ditto	54.52	ditto	
		Serajunge ...	ditto	ditto	70.27	ditto	
		Darjeeling... { Telegraph Office Hospital	ditto	ditto	152.67	ditto	
		Darjeeling ...	ditto	ditto	160.69	ditto	
		Julpigoree ...	ditto	ditto	135.44	ditto	
Julpigoree ...	Bodah ...	ditto	ditto	129.51	ditto ...	Not received 26th Oct. to 8th Nov.	
	Buxa ...	ditto	ditto	221.08	ditto		
	Titalya ...	ditto	ditto	132.83	22nd Nov.		
	Gnabor ...	Not recd.	Not recd.	83.16	25th Oct.	From 15th June.	
	Dangua Jhar ...	ditto	ditto	103.35	18th Oct.	Ditto not received, 28th Sept. to 4th Oct.	
Bamundanga ...	Bamundanga ...	ditto	ditto	101.78	25th Oct.	From 22nd June.	
	Phoolbary ...	ditto	ditto	127.73	ditto ...	Ditto ditto.	

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 16th to 22nd Nov. 1879.	Rain from 23rd to 29th Nov. 1879.	RAIN FROM 1ST JANUARY 1879.		REMARKS.	
					Inches.	Up to date.		
BENGAL—continued.								
Dacca.	CENTRAL DISTRICTS.—contd.		Inches.	Inches.	1879.			
	Cooch Behar Tributary States ...	Cooch Behar ... Dinbatta ... Mathabhanga ... Mickligunge ...	Nil. ditto ditto ditto	Nil. ditto ditto ditto	142.94 125.89 146.35 133.66	20th Nov. ditto ditto ditto		
	Eastern Districts.							
	Dacca ...	Dacca... { Telegraph Office ... { Hospital ... Moonsheegunge ... Manickgunge ...	ditto ditto ditto ditto	ditto ditto ditto ditto	60.66 73.90 88.72 60.03	ditto ditto ditto ditto		
	Furreedpore ...	Furreedpore ... Goalundo ... Madaripore ...	ditto ditto ditto	ditto ditto ditto	64.73 63.29 41.91	ditto ditto ... ditto ...	Not recd. 19th to 25th Oct. Ditto ditto,	
	Backergunge ...	Burrisal ... Perozepore ... Patoakhally ... Bhola ...	ditto ditto ditto ditto	ditto ditto ditto ditto	55.28 65.98 83.89 86.02	ditto ditto ditto ditto		
	Mymensingh ...	Mymensingh ... Jamalpoore ... Atia ... Kishoregunge ...	ditto ditto ditto ditto	ditto ditto ditto ditto	80.53 94.07 51.38 84.88	ditto ditto ditto ditto		
	Chittagong ...	Chittagong { Telegraph Office ... { Jail ... Cox's Bazar ...	ditto ditto Not recd.	ditto ditto Not recd.	102.44 94.30 154.70	ditto ditto 15th Nov.		
	Noakholly ...	Noakholly ... Fenny ...	Nil. ditto	Nil. ditto	115.20 125.39	20th Nov. ditto		
	Tipperah ...	Commillah ... Chandpore ... Brahmunbariah ...	ditto ditto ditto	ditto ditto ditto	79.45 76.50 70.91	ditto ditto ditto		
	Chittagong Tracts. Hill	Rungamatee Hill ... Ruma ...	ditto ditto	ditto ditto	96.73 108.34	ditto ditto		
	Hill Tipperah ...	Agartola ...	ditto	ditto	75.04	ditto		
	BEHAR.							
	PATNA.	Patna ...	Patna ... Behar ... Barh ... Dinapore ...	ditto ditto ditto ditto	ditto ditto ditto ditto	44.73 42.84 53.16 42.34	ditto ditto ditto ditto	
		Gya ...	Gya ... Nowadah ... Aurangabad ... Jehanabad ...	ditto ditto ditto Not recd.	ditto ditto ditto ditto	44.51 29.57 58.91 47.23	ditto ditto ditto ditto ...	Ditto 16th to 22nd Nov.
		Shahabad ...	Arrah ... Sasseram ... Buxar ... Bhuboah ...	Nil. ditto ditto ditto	ditto ditto ditto ditto	46.87 62.60 51.73 57.27	ditto ditto ditto ditto	
		Mozufferpore ...	Mozufferpore ... Hajeeopore ... Seetampurhee ...	ditto ditto ditto	ditto ditto ditto	60.39 43.47 66.05	ditto ditto ditto	
		Durbhunga ...	Durbhunga ... Mudhoobannee ... Tajpore ...	ditto ditto ditto	ditto ditto ditto	62.97 63.85 63.66	ditto ditto ditto	
		Sarun ...	Chupra ... Sewan ... Gopalgunge ...	ditto ditto ditto	ditto ditto ditto	49.60 51.62 55.77	ditto ditto ditto ...	Not recorded from 20th April to 24th May.
		Chumparun ...	Metiharee ... Bettiah ... Segowiee ...	ditto ditto ditto	ditto ditto ditto	55.70 61.58 60.33	ditto ditto ditto	
		Monghyr ...	Monghyr ... Begoeserai ... Jamoeoe ...	ditto ditto ditto	ditto ditto ditto	64.82 36.47 38.09	ditto ditto ditto	
		Bhagulpore ...	Bhagulpore ... Soopool ... Muddehpooora ... Banka ... Sonbursa ...	ditto ditto ditto ditto ditto	ditto ditto ditto ditto ditto	51.05 77.24 67.37 49.04 68.20	ditto ditto ditto ditto ditto	
		Purneah ...	Purneah ... Kissengunge ... Arrareah ...	ditto ditto ditto	ditto ditto ditto	131.39 72.44 82.33	ditto ditto ditto	
		Sonthal Pergunnahs...	Nya Doomka ... Rajmehal ... Deoghur ... Jamtara ... Pakour ... Godda ...	ditto ditto ditto ditto ditto ditto	ditto ditto ditto ditto ditto ditto	61.39 68.43 44.11 37.05 70.22 53.29	ditto ditto ... ditto ... ditto ... ditto ditto	Not received 5th to 11th Oct. Ditto 19th to 25th Oct.

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 16th to 22nd Nov. 1879.	Rain from 23rd to 29th Nov. 1879.	RAIN FROM 1st JANUARY 1879.		REMARKS.
					Inches.	Up to date.	
ORISSA.	Cuttack	Cuttack	Nil.	Not recd.	59.08	22nd Nov.	Not received 9th to 15th Nov.
		Jajpore	ditto	ditto	40.94	ditto	
		Kendraparah	ditto	ditto	42.75	ditto	
		Jagatsingapore	ditto	ditto	24.72	ditto	
		False Point	ditto	ditto	58.80	ditto	
	Pooree	Pooree	Not recd.	Nil.	51.33	29th Nov.	Ditto 16th to 22nd " Ditto ditto. From 9th March, and not recd. 11th to 17th Oct.
		Khurda	ditto	ditto	62.29	ditto	
		Banpore	ditto	Not recd.	35.54	31st Oct.	
	Balasore	Balasore	Nil.	Nil.	48.81	29th Nov.	
		Bhadrack	ditto	ditto	47.91	ditto	
		Jellasore	ditto	ditto	43.71	ditto	
		Sorah	ditto	ditto	39.45	ditto	
		Chaudbally	ditto	ditto	65.30	ditto	
	Cuttack Tributary Mehals.	Bareepudda	ditto	ditto	39.61	ditto	
		Sumbalpor	ditto	ditto	78.54	ditto	
	CHOTA NAGPORE.						
	SOUTH-WESTERN FRONTIER AGENCY.						
	Hazareebagh	Hazareebagh...	{ Jail	ditto	44.35	ditto	Not received 9th to 22nd Nov.
		Pachamba	{ Dispensary	ditto	44.69	ditto	
		Sitapurh	...	ditto	52.70	ditto	
		Mowdie Hills	...	Not recd.	46.83	ditto	
	Lohardugga	Ranchee	...	Nil.	48.76	26th Nov.	
		Palamow	...	ditto	44.03	ditto	
	Singbhoom	Chyebassa	...	ditto	47.56	ditto	
	Manbhoom	Purulia	...	ditto	34.55	ditto	
		Govindpore	...	ditto	68.58	ditto	
	ASSAM & ADJACENT HILLS.						
	Sylhet	Sylhet	...	ditto	158.87	ditto	
	Sibsagar	Sibsagar	...	Not recd.	105.76	22nd Nov.	
		Golaghat	...	ditto	75.22	ditto	
		Jorhat	...	ditto	70.42	ditto	
	Burmah	Akyab	...	Nil.	0.06	29th Nov.	
	Rajpootana	Alwar	...	ditto	29.61	ditto	
		Jaipur	...	ditto	31.51	ditto	
		Sambhar	...	ditto	22.94	ditto	

METEOROLOGICAL OFFICE, BENGAL,
The 6th December 1879.

HENRY F. BLANFORD,
For Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 30th November to 6th December 1879.

STATIONS.	Date.	Hour.	Baro- meter reduced to 32°.	Baro- meter reduced to sea- level.	HYGRO- METER.		Humidity Sat. = 100.	WIND.		Rain.	Weather remarks.	
					Dry.	Wet.		Directions.	Velocity.		At hour of observation.	For preceding 24 hours.
AIRPORT.	Nov. 30th	10	30.073	30.095	70.0	69.1	53	N by E	6.5	...	...	b
	16	16	29.957	29.979	77.2	63.1	42	N	5.7	...	...	b
	Dec. 1st	10	30.050	30.072	70.4	61.1	56	N	5.5	...	...	b
	16	16	29.944	29.966	77.7	65.0	48	N W by N	4.3	...	...	b
	2nd	10	30.077	30.099	71.5	64.0	64	N by W	6.0	...	...	b
	16	16	29.944	29.966	76.7	64.5	49	N	5.5	...	...	Fine clear weather.
	3rd	10	30.073	30.095	68.8	60.5	60	N	5.3	...	...	Ditto.
	16	16	29.947	29.969	75.7	63.5	48	N	8.5	...	...	Ditto.
	4th	10	30.068	30.090	69.3	62.0	64	N	3.8	...	...	Ditto.
	16	16	29.931	29.953	75.7	63.0	46	N	8.2	...	...	Fine weather, with passing clouds.
	5th	10	30.062	30.084	70.0	62.4	64	N E by N	1.7	...	...	b
	16	16	29.937	29.959	75.7	64.0	50	N N E	5.8	...	...	Fine weather, with passing clouds.
SAGOR ISLAND.	6th	10	30.076	30.098	70.7	63.0	63	N E	5.5	...	...	Ditto.
	16	16	29.943	29.965	75.7	64.0	50	N	4.5	...	...	Ditto.
	Nov. 30th	10	30.085	30.091	69.9	62.3	64	N	9	...	...	Ditto.
	16	16	29.971	29.977	75.4	64.4	53	N	2	...	...	Fine clear weather.
	Dec. 1st	10	30.049	30.055	70.4	63.3	66	N	5	...	...	Ditto.
	16	16	29.967	29.973	75.9	66.4	59	N N W	8	...	...	Ditto.
	2nd	10	30.076	30.082	71.4	66.3	76	N	5	...	...	Ditto.
	16	16	29.965	29.971	75.4	64.4	53	N	8	...	...	Ditto.
	3rd	10	30.068	30.074	68.4	63.3	74	N	5	...	...	Ditto.
	16	16	29.973	29.979	73.9	63.3	53	N	12	...	...	Ditto.
	4th	10	30.078	30.084	68.9	63.8	75	N	5	...	...	Ditto.
	16	16	29.959	29.965	71.4	64.4	55	N	8	...	...	Ditto.
CHITTAGONG.	5th	10	30.069	30.075	70.4	63.8	68	N N E	4	...	...	Ditto.
	16	16	29.956	29.962	74.4	65.4	59	N	12	...	...	Fine weather, with passing clouds.
	6th	10	30.080	30.086	71.4	65.4	71	N	7	...	...	Ditto.
	16	16	29.958	29.964	74.9	65.4	57	N	12	...	...	Ditto.
	Nov. 30th	10	29.921	30.014	72.3	69.6	87	Calm	2	...	...	Foggy.
	Dec. 1st	10	29.919	30.011	75.8	70.6	77	N E	2	...	...	Ditto.
	2nd	10	29.943	30.035	76.3	71.7	79	N	1	...	...	Ditto.
	3rd	10	29.950	30.042	74.3	69.1	75	N E	2	...	...	Ditto.
	4th	10	29.940	30.032	74.8	69.6	76	N	2	...	...	Ditto.
	5th	10	29.947	30.039	75.3	70.1	76	Calm	2	...	...	Ditto.
	6th	10	29.957	30.049	73.3	68.6	79	N E	3	...	...	Ditto.
AKYAB.	Nov. 30th	10	29.974	29.996	76.4	71.7	78	N E	1	...	...	Fine weather, with passing clouds.
	Dec. 1st	10	29.951	29.973	77.4	71.2	72	N	...	...	...	Fine clear weather.
	2nd	10	29.978	30.000	76.9	70.2	70	N E	...	...	...	Ditto.
	3rd	10	29.911	29.963	75.4	69.7	74	N N E	1	...	...	Ditto.
	4th	10	29.962	30.084	76.9	69.7	68	N N E	1	...	...	Ditto.
	5th	10	29.979	30.001	75.9	70.7	76	E N E	...	...	...	Ditto.
	6th	10	29.972	30.094	76.4	68.7	66	N	...	...	...	Ditto.
FALSE POINT.	Nov. 30th	10	30.074	30.092	74.9	62.5	46	N	6	...	...	Fine clear weather.
	Dec. 1st	10	30.046	30.064	74.4	65.0	57	N N E	8	...	...	Ditto.
	2nd	10	30.081	30.026	74.4	62.5	49	N	3	...	...	Ditto.
	3rd	10	30.062	30.050	72.9	62.5	53	N	8	...	...	Ditto.
	4th	10	30.075	30.033	70.4	66.5	53	N N W	7	...	...	Ditto.
	5th	10	30.070	30.038	71.9	61.5	52	N N W	7	...	...	Ditto.
	6th	10	30.079	30.037	72.9	64.5	61	N	8	...	...	Ditto.
VIRAGAPAM.	Nov. 30th	10	30.078	30.111	72.0	61.0	50	W	1	...	...	Fine clear weather.
	Dec. 1st	10	30.052	30.085	73.0	61.0	46	E	1	...	...	Ditto.
	2nd	10	30.057	30.090	73.0	62.5	53	E N E	2	...	...	Ditto.
	3rd	10	30.045	30.078	74.0	64.0	55	N E	2	...	...	Ditto.
	4th	10	30.046	30.079	74.5	64.0	54	N E	2	...	...	Ditto.
	5th	10	30.036	30.069	74.0	63.5	54	E S E	2	...	...	Ditto.
	6th	10	30.055	30.088	74.0	63.5	54	E	2	...	...	Ditto.
COLOMBO.	Nov. 30th	10	29.965	29.946	83.5	76.5	72	N N E	9	...	...	Fine weather, with passing clouds.
	Dec. 1st	10	29.997	29.938	81.5	74.5	71	N E	12	...	...	Fine clear weather.
	2nd	10	29.921	29.962	82.0	75.0	71	N N E	15	...	...	Fine weather, with passing clouds.
	3rd	10	29.894	29.935	82.5	76.0	75	N	13	0.05	...	Ditto ditto.
	4th	10	29.927	29.968	81.5	77.5	83	N	5	0.35	...	Ditto ditto.
	5th	10	29.888	29.929	80.5	76.5	83	N E	10	1.45	...	Ditto ditto.
	6th	10	29.889	29.929	80.0	74.5	76	N N E	7	0.12	...	Dark gloomy weather.

* Velocity of wind in miles per hour.

CALCUTTA,
The 6th December 1879.HENRY F. BLANFORD,
For Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from
30th November to 6th December 1879.

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fah.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1879.		☉	Inches.	☉	☉	☉	☉	☉	Inches	☉	%			Inches	
Nov.	30th	136°6	30°006	67·2	78·7	20·6	58·1	59·6	0·412	53·6	62	Till 2½ P.M. N N E, till midnight N.	116	Nil	Clear, w.
Dec.	1st	137·9	29·993	67·1	78·8	20·1	58·7	60·5	·442	55·5	67	Till noon N, till midnight N W by N.	91	...	Clear, w.
"	2nd	133·8	30°016	66·1	78·0	21·7	56·3	61·3	·477	57·6	73	Till 8½ A.M. N W by N, till midnight N.	82	...	Clear, f. & w.
"	3rd	135·2	·008	65·7	77·2	18·2	59·0	59·7	·434	55·0	68	Till 10 A.M. N, till 10 P.M. N by W, till midnight N by E.	112	...	Clear, w.
"	4th	142·1	29·993	65·0	76·9	21·5	55·4	60·1	·455	56·3	73	Till 9½ A.M. N by E, till 3½ P.M. N by W, till midnight N by E.	80	...	Clear, f & w.
"	5th	134·7	·006	66·2	76·8	19·7	57·1	60·9	·466	57·0	72	N by E and N N E.	77	...	Clear, f & w.
"	6th	136·2	30·009	67·2	77·4	17·2	60·2	61·9	·486	58·1	73	N N E and N by E.	70	...	Day and night partially cloudy.

The mean pressure of the seven days ... 30·002
The average pressure of the corresponding period for 24 years, S. G. Office ... 30·014

☉
The mean temperature of the seven days ... 66·4
The average temperature of the corresponding period for 24 years, S. G. Office ... 70·3
The extreme variation of temperature during the seven days ... 23·4
The maximum temperature during the seven days ... 78·8

%
The mean relative humidity during the seven days ... 70
The average relative humidity of the corresponding period for 24 years, S. G. Office ... 64

Inches.
The total fall of rain from 30th November to 6th December 1879 ... Nil.
The average fall of the corresponding period for 24 years, S. G. Office ... 0·04
The total fall from 1st January to 6th December 1879 ... 43·10
The average fall of the corresponding period for 24 years, S. G. Office ... 61·59

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h., and 22h.; the maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

METEOROLOGICAL OFFICE, INDIA,
The 8th December 1879.

HENRY F. BLANFORD,
Meteorological Reporter to the Government of India.

**Abstract of the results of Meteorological Observations taken at Alipore
Observatory in the month of November 1879.**

			Inches.	Date.	Hour.
The mean pressure of the month	...	...	29.941		
The average pressure of 24 years	...	...	29.970		
The highest pressure during the month	...	...	30.074	13th	10h.
The lowest pressure during the month	...	...	29.777	3rd	16h.
The range of pressure during the month	...	...	0.297		
			°		
The mean temperature of the month	...	...	70.9		
The average temperature of 24 years	...	...	74.8		
The highest temperature during the month	...	...	85.0	1st	
The lowest temperature during the month	...	...	52.0	25th	
The range of temperature during the month	...	...	33.0		
The mean daily range of temperature during the month	...	...	17.5		
The greatest range of temperature in one day during the month	...	...	22.8	25th	
			%		
The mean humidity during the month	...	...	67		
The average humidity of 24 years	...	...	72		
			Inches.		
The mean vapour tension during the month	...	...	0.517		
The average vapour tension of 9 years	...	...	0.616		
The mean cloud proportion of the month	...	...	1.05		
			Inches.		
The total rainfall of the month	...	...	Nil.		
The average fall of 48 years	...	...	0.65		
The greatest fall in 24 hours	...	...	Nil.		
			Days.		
The number of rainy days in the month	...	...	Nil.		
The average number of rainy days of 24 years	...	...	2		
			°		
The mean maximum equilibrium temperature of solar radiation of the month	...	...	138.5		
The mean difference of sun and air temperatures	...	...	57.5		
The greatest sun temperature	...	...	147.7	16th	
The greatest excess of sun over air temperature	...	...	64.8	15th	
The mean temperature of nocturnal radiation thermometer on woollen cloth	...	...	55.8		
The mean depression of nocturnal radiation thermometer below the minimum of air	...	...	7.7		
The greatest depression of nocturnal radiation thermometer below the minimum of air	...	...	10.2	27th	
			Miles.		
The mean movement of the wind per day	...	...	98.9		
The greatest movement of the wind in one day	...	...	163.0	29th	
The greatest movement of the wind in one hour	...	...	14.0	{ 2nd 11AM to NOON. 24th 10AM to 11AM. 29th noon to 1PM.	
The number of hours under each of the 8 points—					
N 349, NE 73, E 15, SE 2, S 0, SW 13, W 57, NW 185, Calm 25.					

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 1° or 1½° lower; and finally, the thermometer, which has furnished the record of temperature at the Surveyor-General's Office during the last 20 years and upwards, is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

H. F. BLANFORD,

Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA, the 8th December 1879.

Reports of Fluctuation of Traffic on the East Indian Railway for four weeks ending 25th October 1879.

EAST INDIAN RAILWAY, TRAFFIC MANAGER'S OFFICE, JAMALPORE, THE 20TH NOVEMBER 1879.

Remarks on Traffic of East Indian Railway for four weeks ending 25th October 1879.

THE approximate figures for the period are as follows:—

	Coaching.		Goods.		Total.
	No.	Rs.	Mds.	Rs.	Rs.
1879	535,568	7,89,942	46,41,133	21,72,176	29,62,118
1878	542,268	8,62,320	46,20,872	16,48,030	25,16,350
Increases	...	...	6,20,261	5,24,146	4,51,768
Decreases	6,700	72,378	...	...	...

The total traffic shows an increase of about 18 per cent.

In the goods traffic earnings there is a substantial increase, as will be seen from the enclosed statement, and I beg to offer the following remarks:—

		<i>Increases.</i>			
Coal, up.		Grains edible and pulses.		Jaggree and sugar.	
" down.		Gunny.		Piece-goods.	
Government stores.		Hides.		Railway materials, foreign.	
		<i>Salt.</i>			
		<i>Decreases.</i>			
Ghee and oil.			Seeds.		
		<i>Increases.</i>			
Coal, up	...	...	...	Mds.	Rs.
" down	...	...	...	1,79,982	1,15,224
				1,26,011	20,693
		Total		3,05,993	1,35,917

The continued demand from the Scinde, Punjab, and Delhi, Oudh and Rohilkund, Rohilkund State Railway, and Great Indian Peninsula Railways accounts for the increase in upwards coal.

The increase in downwards coal is due chiefly to the stocks for the local mills being replenished prior to the Doorga Poojah holidays. This result may be considered very satisfactory, as the figures for 1878 showed a considerable increase over those for 1877.

Government stores Mds. 18,260 - Rs. 44,963

This increase is due to despatch of beer (Commissariat) to Allahabad Fort, and to despatch of cattle, ponies, and mules for transport purposes to the frontier by the Commissariat Department.

Grains edible and pulses may be divided thus:—

	Increase.		Decrease.	
	Mds.	Rs.	Mds.	Rs.
Rice	17,479	1,147	...	...
Wheat	2,47,363	2,16,266	...	...
Other grains	...	...	1,20,467	39,735
Pulses	...	...	2,06,933	95,571
Total	2,64,842	2,17,413	3,36,400	1,35,306
Net	...	82,107	...	71,558

The rapid advance of prices in the English market has led to despatches of wheat from Calcutta.

The decrease in pulses and other grains is in the despatches from the North-Western Provinces to the Western Presidency and Central India, where the harvest prospects have considerably improved owing to the recent rains.

Gunny Mds. 14,668 Rs. 12,206

Large quantities of gunny were sent up from Howrah to the Punjab, North Western Provinces, and Behar, for bagging wheat and other country produce intended for shipment.

Hides Mds. 22,994 Rs. 12,354

There is a strong demand for all descriptions of hides for export to America and to the continent. High prices are being paid by purchasers; the despatches are principally from Behar.

Jaggree and Sugar Mds. 27,848 Rs. 18,982

The cane crops in the Shahabad district and Oudh have been good, and the markets in Rajputana and the Central Provinces continue attractive, while the manufacture of sugar and jaggree has been considerably developed by the improved sugar-mills introduced by Messrs. Thomson and Mylne of Beecha, in the Shahabad district.

Piece-goods Mds. 16,860 Rs. 25,386

This results from the usual brisk despatches up-country prior to the suspension of business during the Doorga Poojah holidays.

Railway materials, foreign Mds. 1,12,243 Rs. 1,62,669

This increase is in State Railway material carried to Dildernugger, Cawnpore, and Agra.

Salt Mds. 1,53,000 Rs. 38,290

This also is the usual rush from Howrah prior to the vacations. There has also been an increase in the Sambhur salt to Oudh via Allyghur.

Decreases.
Ghee and oil Mds. 8,885 Rs. 9,180

Local prices continue high. Supplies are limited, leaving no margin for profit to despatchers.

Seeds Mds. 73,062 Rs. 39,538

This decrease is entirely from Cawnpore and stations in the North-Western Provinces, owing to some extent to limited supplies, to the bad state of the roads after the recent rains, but to a greater extent to the unusually sickly season. The crops are said to be dying on the ground from lack of labour to gather them.

The train mileage for the period is—

	Coaching.		Goods.		Total.
	No.	Rs.	Mds.	Rs.	Rs.
1879	...	194,429	389,349	...	583,778
1878	...	195,179	315,614	...	513,793
Increases	...	...	70,735	...	69,985
Decreases	...	750	...	...	...
Earnings per train mile—	Rs. A. P.		Rs. A. P.		Rs. A. P.
1879	...	4 1 0	...	5 9 3	5 1 2
1878	...	4 6 8	...	5 2 9	4 14 2
Increases	...	...	...	0 6 6	0 3 0
Decreases	...	0 5 8	...	...	...

My remarks in the opening paragraph account for the above results.

Shunting mileage—Increase Yours 1,314

Jubbulpore line traffic:—

	Coaching.		Goods.		Total.
	No.	Rs.	Mds.	Rs.	Rs.
1879	23,524	90,871	3,92,611	1,34,074	2,24,945
1878	26,738	82,558	5,83,473	1,53,600	2,35,958
Increases	...	8,513	...	...	...
Decreases	3,214	...	1,90,862	19,526	11,013

The increase in coaching traffic arises from the running of extra troop trains.

The decrease in pulses and edible grain over the main line also accounts for the falling off over the Jubbulpore line in good traffic.

The train mileage for the period is—

	Coaching.	Goods.	Total.
1879	25,017	24,085	49,702
1878	27,533	42,202	64,035
Increase	3,784	...	...
Decrease	...	18,117	14,333

Earnings per train mile—Total increase, annas 13-6.

W. ST. L. CARTER, Traffic Manager.

MAIN LINE.

Statement showing the Totals and Increases and Decreases of Staples during four weeks ending 25th October 1879.

STAPLES.	WEIGHT.		AMOUNT.		1879.			
	1878.	1879.	1878.	1879.	Increases.		Decreases.	
					Mds.	Rs.	Mds.	Rs.
Beer, Commissariat	9,783	25,308	8,300	25,366	15,523	16,997	...	...
" not Commissariat	3,688	3,927	5,439	5,855	239	416	...	...
Betelnuts and leaves	5,175	8,567	5,841	10,455	3,392	4,614	...	...
Boots and shoes	3,134	3,535	4,859	5,130	491	277	...	...
Brass and brassware	11,512	13,845	7,124	10,595	2,533	3,471	...	...
Bricks	2,559	4,319	801	833	1,760	32	...	...
Coal, up	2,02,506	3,82,488	94,230	2,09,454	1,79,082	1,15,224	...	...
" down	11,61,512	12,87,528	1,55,273	1,75,960	1,26,011	20,693	...	...
Copper and copperware	7,589	11,224	9,317	15,126	3,035	5,809	...	...
Cotton	34,011	35,092	43,678	46,808	1,081	...	...	2,870
" twist	10,300	11,315	11,250	11,961	711	...	...	...
Dyewood	6,098	5,331	5,295	4,108	...	...	767	1,190
Empty coops, &c.	5,486	5,026	4,261	4,338	77	400	...	...
Firewood	629	5,407	27	272	4,898	245	...	...
Fruits, dried and fresh	10,127	12,152	9,771	10,565	2,025	794	...	...
Glass and glassware	3,221	3,767	3,390	3,694	546	298	...	...
Ghee and oil	33,412	24,427	30,394	21,214	...	8,985	9,150	...
G. B. T. packages	3,015	3,394	5,138	6,487	379	1,340	...	...
Government Commissariat stores	17,349	33,836	19,844	86,988	16,487	67,144	...	...
" Ordnance stores	27,041	13,289	55,842	16,664	...	13,752	39,178	...
Barley	12,458	24,844	2,425	5,104	12,380	2,679	...	...
Oats	2,286	2,615	891	997	329	1,05	...	...
Rice	2,69,725	2,87,204	53,596	54,743	17,479	1,147	...	...
Other grains	2,91,881	5,42,244	1,08,899	3,25,165	2,47,363	2,16,266	...	...
Pulses of all kinds	2,13,417	71,335	52,970	10,459	...	1,42,182	42,517	...
Gunny	3,28,746	1,21,813	1,35,310	39,739	...	2,00,933	95,371	...
Hides and horns	38,359	53,927	29,552	41,768	14,668	12,206	...	...
Indigo	57,299	80,293	41,849	54,293	22,994	12,354	...	...
Iron	4,943	2,944	5,661	2,849	...	2,002	3,312	...
Jaggree	75,349	74,845	65,480	63,237	...	504	2,243	...
Lac	20,943	30,371	2,914	7,701	9,428	4,787	...	...
Minerals	18,196	15,258	14,628	11,444	...	2,938	2,554	...
Mowah flower	19,442	18,806	4,800	4,030	...	633	770	...
Oil-cake	3,311	15,357	628	3,041	12,045	2,413	...	...
Opium	7,201	4,931	2,117	396	...	2,270	1,811	...
Paper	809	451	727	501	...	338	236	...
Piece-goods	6,891	6,251	7,831	7,142	...	640	709	...
Railway materials, construction account	1,26,587	1,45,447	1,56,144	1,81,539	16,860	25,386	...	...
foreign	17,172	19,787	653	1,156	2,615	503	...	...
Roots	44,837	1,57,080	65,971	2,28,640	1,12,243	1,62,669	...	...
Salt	18,278	21,919	9,737	12,961	3,641	5,224	...	...
Saltpetre	2,92,572	4,45,573	79,940	1,18,239	1,53,091	38,290	...	...
Seeds	51,023	40,044	19,534	16,938	...	10,079	2,596	...
Silk	3,30,836	2,57,774	1,46,538	1,07,000	...	73,063	39,538	...
Spelter	1,050	2,034	2,430	2,565	384	115	...	...
Spices	4,036	9,047	6,417	14,348	5,911	7,931	...	...
Stones	7,614	15,435	7,374	13,313	7,821	5,939	...	...
Sugar	36,093	49,459	5,456	8,396	3,757	2,910	...	...
Ten	73,561	91,981	23,331	37,532	18,420	14,201	...	...
Timber	4,697	4,932	5,402	5,187	235	...	215	...
Tobacco	19,473	19,209	9,184	9,661	...	204	123	...
Turneric	28,265	18,298	14,019	6,716	...	9,967	7,393	...
Wines	3,405	4,086	2,122	3,614	681	1,492	...	...
Miscellaneous	5,976	6,832	10,238	11,536	857	1,298	...	...
Total	1,06,986	1,28,556	1,04,456	1,24,439	21,550	19,983	...	...

Reports of Fluctuation of Traffic on the Eastern Bengal Railway for the four weeks ending the 25th October 1879.

Report on Goods Traffic for the four weeks ending the 25th October 1879.

EASTERN BENAL RAILWAY COMPANY, TRAFFIC SUPERINTENDENT'S OFFICE, SEALDAH TERMINUS.

Dated Calcutta, the 18th November 1879.

From—W. INNES, Esq., Acting Traffic Superintendent, Eastern Bengal Railway,
To—The Agent, Eastern Bengal Railway, Sealdah.

THE total weight of goods carried over this railway during the above period was 10,12,324 maunds, which, as compared with the corresponding period of last year, shows an increase of 3,74,223 maunds. This increase is chiefly in jute, piece-goods, salt, and tea.